Government of
Saskatchewan

Statistical Tables Supplementing the Annual Report 1987-88

Saskatchewan Hospital Services Plan

April 1, 1987 to
March 31, 1988

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Preface

This Statistical Supplement to the Annual Report provides material descriptive of the population of Saskatchewan and the utilization of hospital services by residents of the Province during the fiscal year April 1, 1987 — March 31, 1988. Some material on services pertaining to 1986-87 and earlier years is included to permit comparison of one year to another.

The tables should be read in conjunction with the notes on source data which precede each Section. As well, the footnotes to the individual tables are important for a better understanding of the data.

This publication has been prepared by the Planning Section of the Saskatchewan Hospital Services Branch. Any inquiries pertaining to this publication in general or to individual tables should be addressed to:

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Section 1 — Population Covered

The population data in this section is based on the Saskatchewan Hospital Services Plan records of registered persons as at June 30, 1987. (The Annual Report for the Saskatchewan Hospital Services Plan describes eligibility for benefits in detail).

The covered population of the province as determined by the Plan was 1,045,440 as at June 30, 1987. This represents an increase of 4,082 from the covered population of June 30, 1986. Please see Table 1 for details.

Table 2 and Figure 1 illustrate the changing geographic composition of Saskatchewan's covered population. The covered population of cities and towns has grown 18.7 and 7.1 per cent respectively since 1977 while the population of villages and rural areas has declined 5.0 and 8.4 per cent during the same period. The covered population of Registered Indians has increased from 4.1 per cent of the total population in 1977 to 5.2 per cent in 1987. This represents an increase of 39.8 per cent over the past 10 years.

Figure 1: Relative Change in Covered Population of Saskatchewan, 1977 to 1987

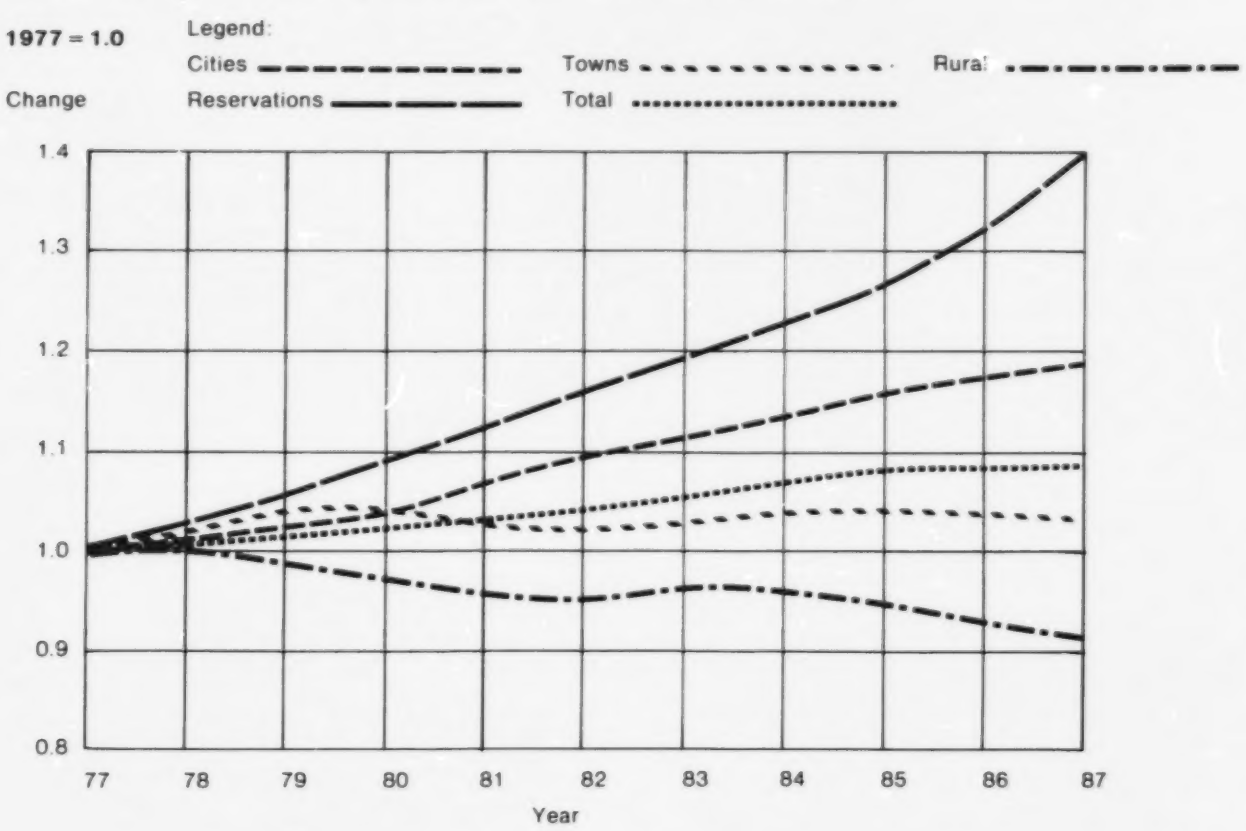


Table 1
Age and Sex Distribution of Covered Population* for Selected Years 1947-1987

Year**	All Ages	Under 1	1-4	5-14	15-24	25-44	45-64	65+
				Both Sexes				
1947	780,445	20,071	64,106	143,349	139,668	213,985	144,699	54,567
1951	779,470	19,044	73,284	143,156	121,773	215,603	141,797	64,813
1956	831,074	22,011	81,432	165,668	116,737	221,200	147,222	76,804
1961	910,139	22,982	90,649	198,977	127,335	221,469	163,149	85,578
1966	951,434	19,501	88,576	213,951	151,738	210,633	178,198	88,837
1971	938,527	16,878	66,662	206,366	170,043	197,670	186,739	94,169
1976	949,463	16,061	62,886	178,091	189,661	211,564	187,812	103,388
1981	990,746	15,840	66,659	159,580	193,959	253,237	184,748	116,723
1984	1,028,965	16,778	70,424	161,599	187,274	285,059	183,335	124,496
1985	1,039,249	16,806	71,280	162,923	183,417	295,156	182,239	127,428
1986	1,041,358	16,745	71,289	162,767	178,111	301,564	181,341	129,541
1987	1,045,440	16,403	71,331	164,145	172,369	308,762	180,332	132,098
				Males				
1947	407,336	10,271	32,870	72,821	68,697	109,495	81,376	31,806
1951	404,262	9,798	37,567	73,153	59,964	108,384	77,895	37,501
1956	429,166	11,245	42,141	84,938	58,077	110,554	78,571	43,640
1961	468,881	11,918	46,860	102,389	63,940	110,883	85,475	47,416
1966	484,979	10,028	45,211	109,777	76,573	105,624	91,434	46,332
1971	473,600	8,597	34,252	105,394	85,560	98,622	93,877	47,298
1976	478,886	8,103	32,080	90,930	97,106	106,934	93,772	49,961
1981	498,641	8,199	34,126	81,605	99,029	129,112	92,102	54,468
1984	517,126	8,544	36,022	82,481	95,861	145,942	91,446	56,830
1985	522,283	8,705	36,371	83,204	93,920	151,283	91,018	57,782
1986	523,245	8,711	36,380	83,218	91,190	154,637	90,693	58,416
1987	524,911	8,269	36,515	83,989	88,375	158,213	90,194	59,356
				Females				
1947	373,109	9,800	31,236	70,528	70,971	104,490	63,323	22,761
1951	375,208	9,246	35,717	70,003	61,809	107,219	63,902	27,312
1956	401,908	10,766	39,291	80,730	58,660	110,646	68,651	33,164
1961	441,258	11,064	43,789	96,588	63,395	110,586	77,674	38,162
1966	466,455	9,473	43,365	104,174	75,165	105,009	86,764	42,505
1971	464,927	8,281	32,410	100,972	84,483	99,048	92,862	46,871
1976	470,577	7,958	30,806	87,161	92,555	104,630	94,040	53,427
1981	492,105	7,641	32,533	77,975	94,930	124,125	92,646	62,255
1984	511,839	8,234	34,402	79,118	91,413	139,117	91,889	67,666
1985	516,966	8,101	34,909	79,719	89,497	143,873	91,221	69,646
1986	518,113	8,034	34,909	79,549	86,921	146,927	90,648	71,125
1987	520,529	8,134	34,816	80,156	83,994	150,549	90,138	72,742

* A detailed "Covered Population Report" is published yearly and is available for a charge from Saskatchewan Health. "Covered Population" refers to all persons eligible to receive S.H.S.P. insured services. Caution should be exercised in using these figures as population estimates. They may not agree with Statistics Canada Census figures.

** The years prior to 1965 include all persons provided with any coverage between January 1 and August 31. The years since 1965 include all persons who were eligible at June 30.

Table 2
Distribution of Population by Age Group and Type of Residence, and Percentage Change: 1977, 1982, 1987

Year*	Group	Total	Type of Residence				
			Cities	Towns	Villages	Rural	Reservations
1977	Total	961,526	435,802	160,990	81,643	244,101	38,990
	Under 1	16,256	7,539	2,550	1,460	3,441	1,266
	1-4	63,770	27,896	9,929	5,633	15,010	5,302
	5-14	173,724	73,110	25,652	13,904	48,635	12,423
	15-24	194,775	92,701	28,909	14,877	50,064	8,224
	25-44	219,422	110,880	32,331	16,417	52,521	7,273
	45-64	187,949	79,486	32,687	16,325	56,277	3,174
	65 +	105,630	44,190	28,932	13,027	18,153	1,328
1982	Total	1,000,667	475,621	167,815	80,183	232,032	45,016
	Under 1	16,160	7,357	2,516	1,449	3,332	1,506
	1-4	67,645	30,237	10,496	5,960	15,246	5,706
	5-14	159,951	69,416	23,965	12,682	41,062	12,826
	15-24	190,428	94,589	27,573	13,356	44,301	10,609
	25-44	263,058	138,567	38,831	18,472	58,000	9,188
	45-64	183,940	83,287	31,351	14,490	51,116	3,696
	65 +	119,485	52,168	33,083	13,774	18,975	1,485
1987	Total	1,045,440	517,259	172,387	77,590	223,688	54,516
	Under 1	16,403	8,053	2,303	1,337	2,778	1,932
	1-4	71,331	33,577	10,832	5,866	14,036	7,020
	5-14	164,145	72,726	24,987	12,363	40,054	14,015
	15-24	172,369	87,927	23,976	11,169	36,647	12,650
	25-44	308,762	169,513	44,768	20,066	61,587	12,828
	45-64	180,332	85,989	29,206	12,944	47,699	4,494
	65 +	132,098	59,474	36,315	13,845	20,887	1,577
Percentage Changes: 1977-1987							
	Total	8.7	18.7	7.1	(5.0)	(8.4)	39.8
	Under 1	0.9	6.8	(9.7)	(8.4)	(19.3)	52.6
	1-4	11.9	20.4	9.1	4.1	(6.5)	32.4
	5-14	(5.5)	(0.5)	(2.6)	(11.1)	(17.6)	12.8
	15-24	(11.5)	(5.1)	(17.1)	(24.9)	(26.8)	53.8
	25-44	40.7	52.9	38.5	22.2	17.3	76.4
	45-64	(4.1)	8.2	(10.6)	(20.7)	(15.2)	41.6
	65 +	25.1	34.6	25.5	6.3	15.1	18.8

( ) indicates a decrease
* includes all persons who were eligible at June 30

Section 2 — Hospital Utilization by Saskatchewan Beneficiaries

The information contained in Tables 3 to 13 in this section is derived from Admission/Separation Abstract forms. These forms are completed and submitted for each inpatient by all Saskatchewan General Hospitals and by hospitals outside of Saskatchewan providing services to insured residents of the province. The tables which are derived from the admission/separation abstract forms include data for those residents who were separated from the hospital during the period April 1, 1987 - March 31, 1988.

Beginning in 1984/85, diagnostic data for approximately 60% of admission/separation forms was provided to S.H.S.P. through H.M.R.I. (Hospital Medical Records Institute). Statistics shown in this publication may vary slightly from previous years due to this change in the methods of processing the data.

Table 3 illustrates the number of hospital beds in Saskatchewan, by level of care and category of facility (whether located in a general hospital or rehabilitation hospital) as of March 31, 1988.

Figure 2 depicts the percentage of these beds by hospital size as well as the percentage of payments and patient days attributable to each bed size group.

Figure 3 shows the relative change of payments to General hospitals for inpatients and outpatients for the past ten years.

Figure 2: Percentage of Payments, Rated Beds and Patient Days by Bed Size Group in General Hospitals, 1987-88

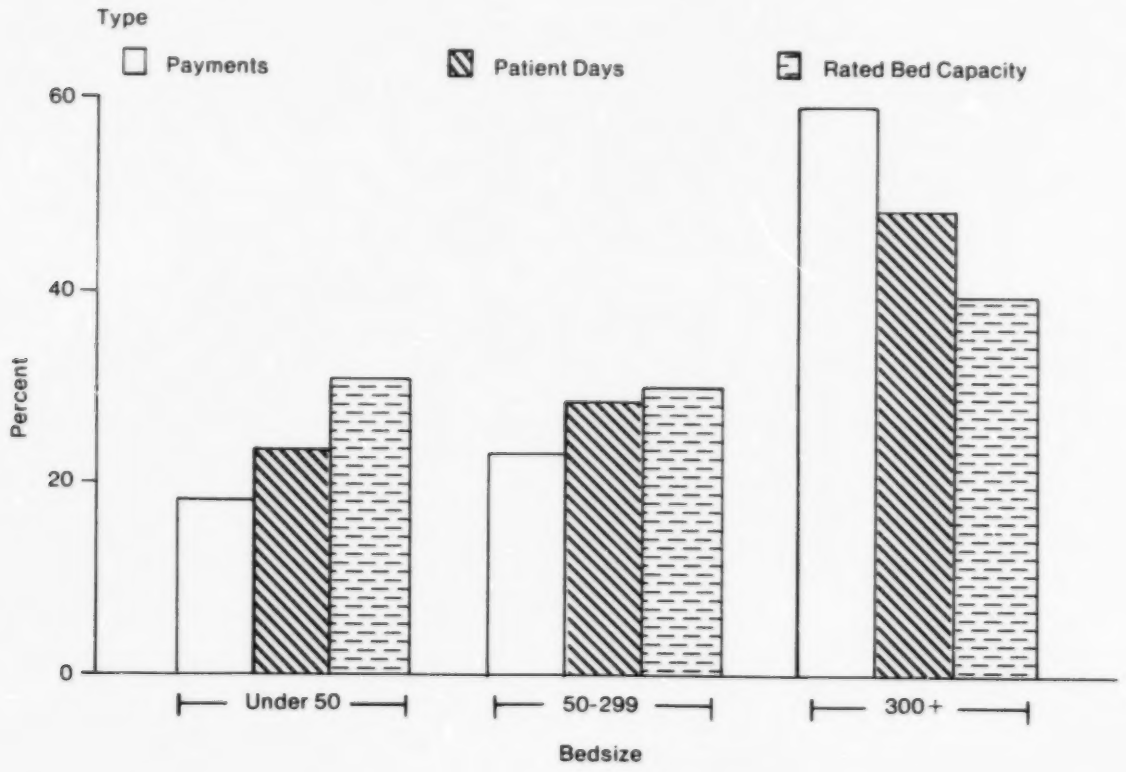


Figure 3: Relative Change of Payments to General Hospitals for Inpatients and Outpatients, 1977-78 to 1987-88

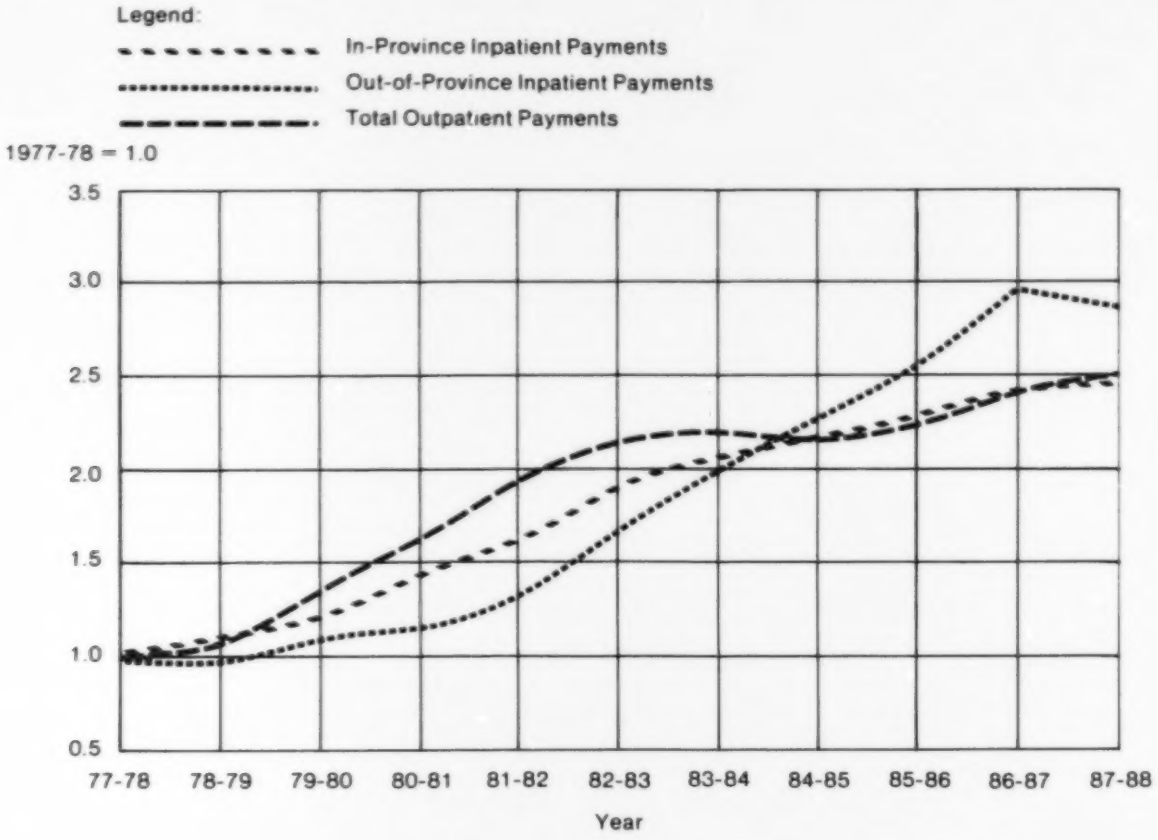


Table 4 provides separations, patient days, average days of stay and cost of inpatient care in general hospitals for adults and children, and newborns by hospital location. A summary of inpatient separations by type of responsibility is shown in Table 5. A decline in both the average days stay and patient days per 1,000 population over time is illustrated in Table 6.

Figure 4 summarizes hospital utilization according to age groups. Although the over 65 group represents only 12.6 per cent of the population, it accounts for 51.9 per cent of the hospital acute care patient days. As the proportion of the total population in the over 65 age group increases, it will tend to increase the total provincial utilization rate. Further details are provided in Table 7. Figure 5 illustrates rates per 1,000 population by age and sex.

Figure 4: Percentage Distribution of Population and Patient Days by Age Group, April 1, 1987 – March 31, 1988

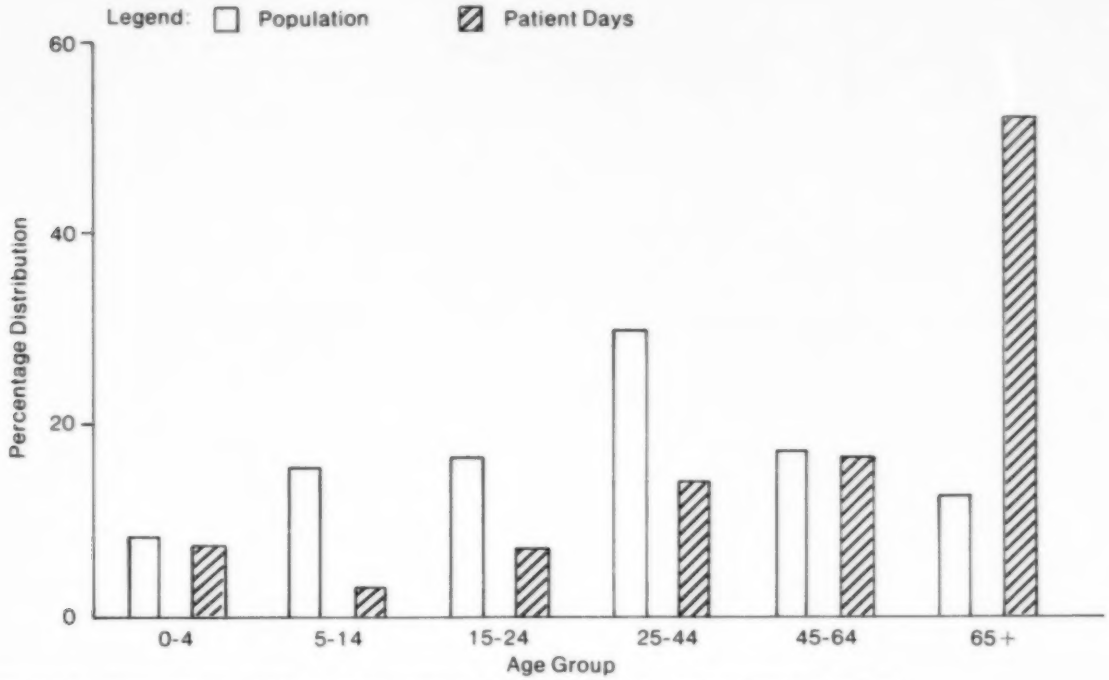
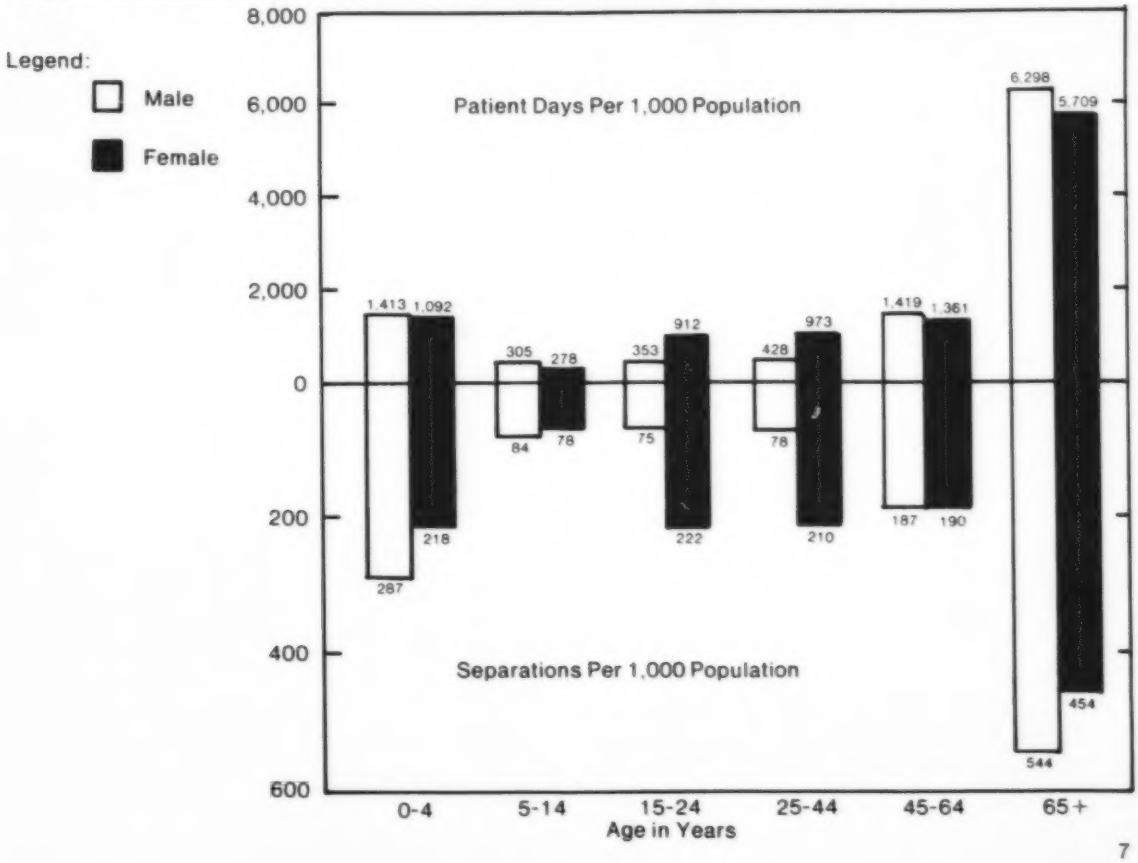
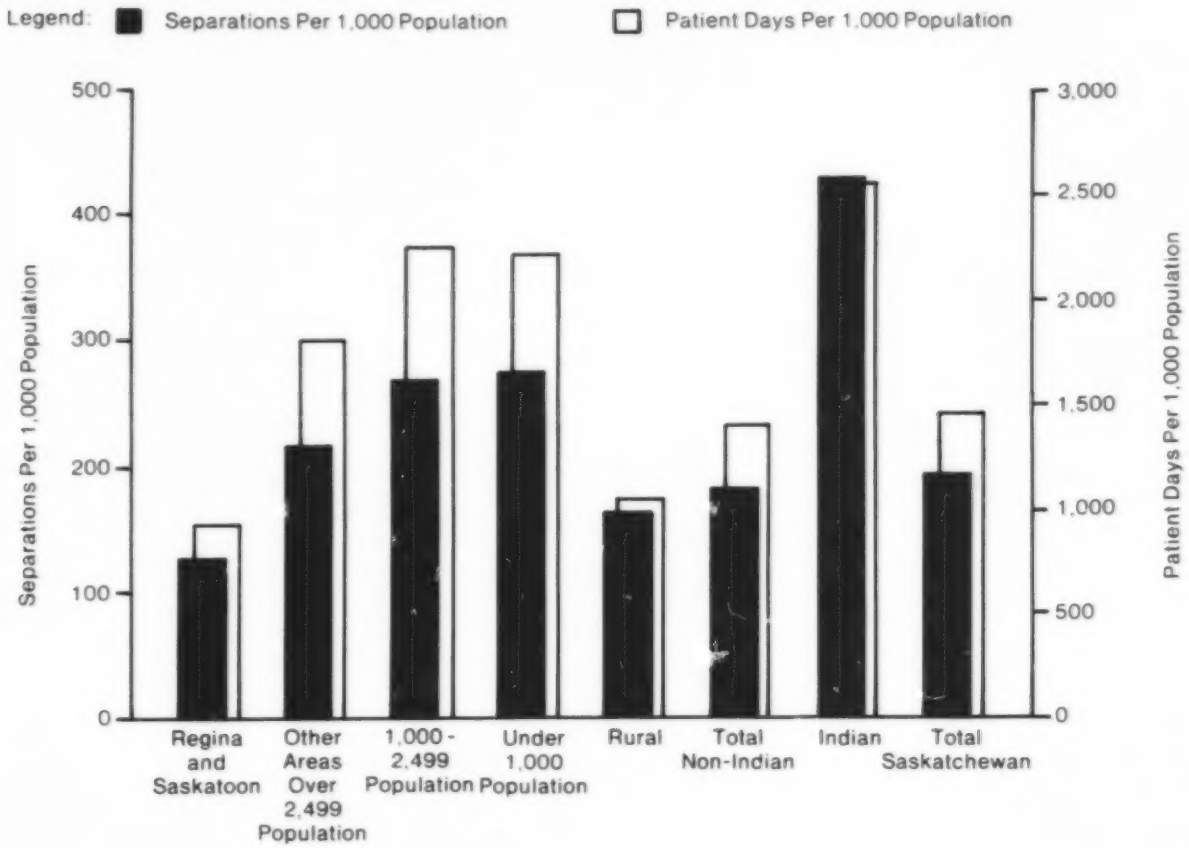


Figure 5: Separations and Patient Days Per 1,000 Population by Age and Sex, 1987-88



The place of residence is an important determinant of hospital utilization rates. There is a considerable variation in utilization rates between different geographical areas in the province. This variation can be the result of several different factors and the reader should be cautious about drawing specific conclusions from Figure 6 and Table 8.

Figure 6: Separations and Patient Days Per 1,000 Population by Type of Residence, April 1, 1987 – March 31, 1988



Figures 7 and 8 summarize the distribution of separations and patient days by diagnosis, age and sex. Tables 9 and 10 provide further details on the diagnoses responsible for hospitalization.

Figure 7: Percent Distribution of Separations by Major Canadian List Grouping, 1987-88

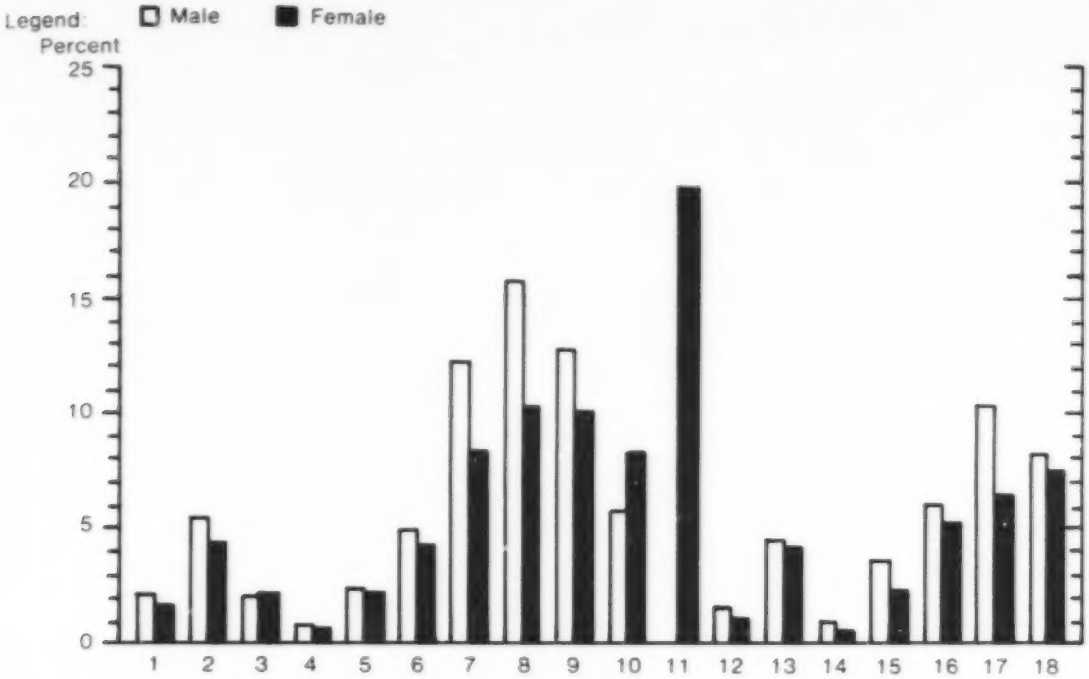


Figure 8: Percent Distribution of Patient Days by Major Canadian List Grouping, 1987-88

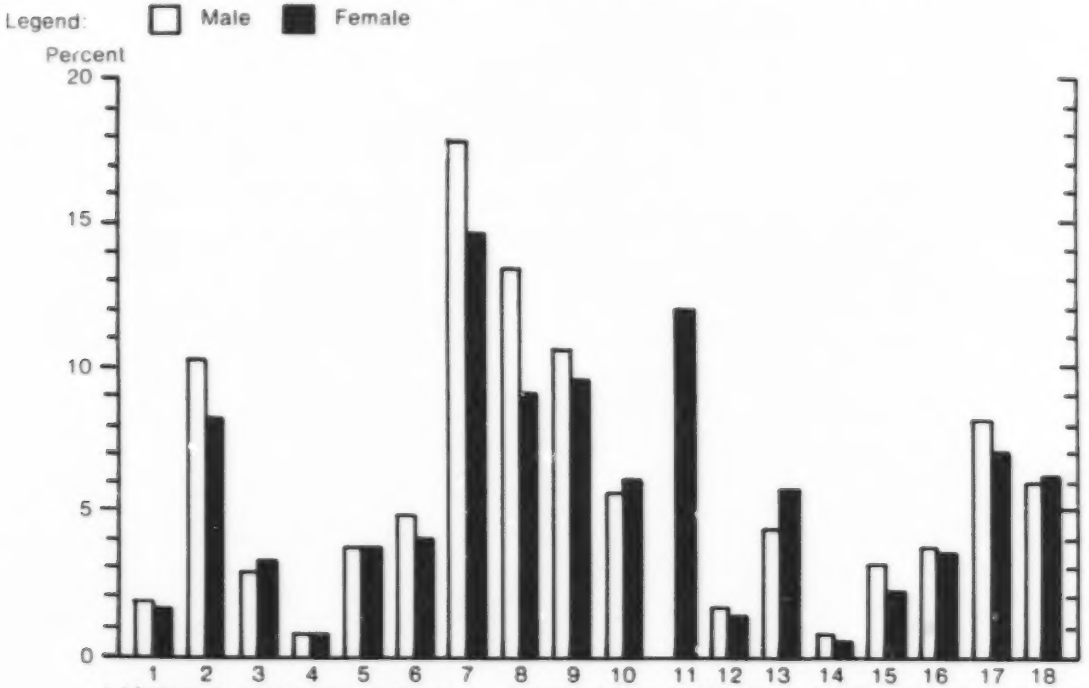

Legend: Male Female
Percent
20
15
10
5
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
1 Infectious and Parasitic Diseases
2 Neoplasms
3 Endocrine, Metabolic Disorders
4 Diseases of Blood and Blood-Forming Organs
5 Mental Disorders
6 Diseases of the Nervous System and Sense Organs
7 Diseases of the Circulatory System
8 Diseases of the Respiratory System
9 Diseases of the Digestive System
10 Disease s of the Genitourinary System
11 Pregnancy, Childbirth Puerperium
12 Diseases of the Skin and Subcutaneous Tissue
13 Diseases of the Musculo-skeletal System
14 Congenital Anomalies
15 Conditions originating in the Perinatal Period
16 Symptoms, signs, ill-defined conditions
17 Injury, Poisoning
18 Factors influencing Health Status

Table 11 outlines the separations, days and average days of stay for selected inpatient operations for Saskatchewan beneficiaries. Obstetrical procedures account for over 22% of all inpatient surgical procedures (excluding certain diagnostic and therapeutic procedures).

Details on the length of stay in hospital by each age and sex group are shown in Table 12. Over 39% of all adult and children separations were under 4 days in length.

Table 13 summarizes hospital inpatient separations and patient days resulting from external causes. Accidental falls account for over 23% of all hospitalizations resulting from an accident.

In reviewing the data in this section the following notes will be helpful.

Rates per thousand population-calculations are based on Table 1 in the population section.

Patient days — Patient days of separated cases are used. Patient day statistics include the accumulated patient days since admission of adults and children, and newborns, who were separated from the hospital or died in the hospital during the fiscal year, even if admitted in a previous year.

Diagnostic Classifications and Categories are based on the International Classification of Diseases 9th Revision, and a Canadian List of 211 diagnoses selected as a basis for study by provincial hospital insurance programs.

Table 3
Number of Beds in Saskatchewan by Level of Care as of March 31, 1988

Level of Care*	General Hospitals	Integrated Facilities	Rehabilitation Hospitals	Federal Hospitals	Total	Rate per 1,000 Covered Population**
Level 4 (Extended Care)	428	128	131	–	687	0.7
Level 5 (Rehabilitation Care)	22	–	84	–	106	0.1
Level 6 (Acute Care)	5,983	102	–	60	6,145	5.9
Psychiatric Units	296	–	–	–	296	0.3
Alcoholism Unit	12	–	–	–	12	0.0
Geriatric Assessment Unit	18	–	–	–	18	0.0
Total	6,759	230	215	60	7,264	6.9

* The definitions of level of care are provided in the Glossary.
** Varies slightly from figures in Tables 14 and 15 due to the difference in population estimates.

Table 4
Separations, Patient Days, Average Days of Stay and Cost of Inpatient Care in General Hospitals for Adults and Children, and Newborns by Hospital Location for the Fiscal Years 1986-87 and 1987-88

	Total		Saskatchewan Institutions		Institutions in Other Provinces		Institutions in Other Countries	
	1986-87	1987-88	1986-87	1987-88	1986-87	1987-88	1986-87	1987-88
Adults and Children								
Separations	210,524	207,629	203,492	200,798	6,309	6,146	723	685
Patient Days for Separations	1,653,778	1,609,233	1,600,334	1,558,204	45,471	43,378	7,973	7,651
Average Days of Stay	7.9	7.8	7.9	7.8	7.2	7.1	11.0	11.2
Newborns								
Separations	17,491	17,080	16,962	16,551	517	522	12	7
Patient Days for Separations	89,151	84,858	86,326	82,258	2,775	2,503	50	97
Average Days of Stay	5.1	5.0	5.1	5.0	5.4	4.8	4.2	13.9
Total Payments by S.H.S.P.	$444,907,027	$444,409,657	$424,960,959	$423,488,815	$17,140,990	$18,561,230	$2,805,078	$2,359,612
Adults and Children	438,150,077	435,923,857	418,486,509	415,263,015	16,863,490	18,310,930	2,800,078	2,349,912
Newborns	6,756,950	8,485,800	6,474,450	8,225,800	277,500	250,300	5,000	9,700
Average Cost Per Patient Day								
Adults and Children	$ 264.94	$ 270.91	$ 261.50	$ 266.50	$ 370.86	$ 422.12	$ 351.20	$ 307.14
Newborns*	75.79	100.00	75.00	100.00*	100.00**	100.00**	100.00**	100.00**
Average Cost Per Separation								
Adults and Children	$ 2,081.12	$ 2,099.66	$ 2,088.34	$ 2,068.06	$ 2,672.93	$ 2,979.32	$ 3,872.86	$ 3,430.53
Newborns	386.31	495.24	381.70	497.00	536.75	479.50	416.66	1,385.70

* Effective April 1, 1987 the average cost per day for newborns in Saskatchewan is $100.00 per day as established in semi-monthly payments to hospitals.
** Newborn Rate of $100.00 per diem is based on the standard Canadian Reciprocal Billing for 1986-87 and 1987-88.
The above table excludes services provided by rehabilitation and extended care hospitals.

Table 5
Summary of Inpatient Separations by Type of Responsibility April 1, 1987 — March 31, 1988

	Separations		Patient Days	
	Adults & Children	Newborns	Adults & Children	Newborns
A. Responsibility of S.H.S.P.	208,489	17,080	1,637,615	84,858
1. Hospitalized in the province	201,658	16,551	1,586,586	82,258
I. General Hospitals:				
Total	200,798	16,551	1,558,204	82,258
Acute Care Units	197,243	16,551	1,468,768	82,258
Psychiatric Units	3,359		84,971	
Other Units	196		4,465	
II. Rehabilitation and Extended Care Hospital	860		28,382	
2. Hospitalized in other provinces	6,146	522	43,378	2,503
3. Hospitalized in other countries	685	7	7,651	97
B. Not the Responsibility of S.H.S.P. (excluding patients of mental and tuberculosis institutions)	7,153	446	259,709	2,156
1. Continuing Care Branch:				
Total	598		217,812	
Designated Level 4	286		167,465	
Non-Designated Level 4	312		50,347	
2. Workers' Compensation Board	1,081		5,866	
3. Department of Veterans Affairs	60		921	
4. Non-Residents	5,028	440	33,477	2,143
5. Other Agencies	260		1,028	
6. Insured Residents not the Responsibility of S.H.S.P.	124	6	605	13
C. Total	215,641	17,526	1,897,328	87,014
D. Covered Population	1,045,440			

Table 6
Volume and Rate of General Hospital Inpatient Care for Selected Years for Saskatchewan Beneficiaries

		Adults and Children					Newborns		
Year	Covered Population	Separations	Separations Per 1,000 Population	Patient Days	Patient Days Per 1,000 Population	Average Days Stay	Separations	Patient Days	Average Days Stay
1947*		121,951		1,221,453		10.0	20,415	187,092	9.2
1951*		154,848		1,715,232		11.1	19,729	169,062	8.6
1956*		168,147		1,744,592		10.4	22,352	165,597	7.4
1961	910,139	191,806	211	1,863,515	2,048	9.7	23,505	159,998	6.8
1966	951,434	203,917	214	1,939,202	2,038	9.5	19,105	124,907	6.5
1971	938,527	216,122	230	1,963,059	2,092	9.1	16,138	103,296	6.4
1976	949,463	197,487	208	1,731,130	1,823	8.8	16,289	93,523	5.7
1980-81	982,257	202,206	206	1,801,564	1,834	8.9	16,968	91,852	5.4
1983-84**	1,014,496	205,868	203	1,656,901	1,633	8.1	17,754	94,943	5.4
1984-85	1,028,965	203,281	198	1,628,403	1,582	8.0	18,063	93,373	5.2
1985-86	1,039,249	205,577	198	1,645,531	1,583	8.0	18,248	93,496	5.1
1986-87	1,041,358	210,524	202	1,653,778	1,588	7.9	17,491	89,151	5.1
1987-88	1,045,440	207,629	199	1,609,233	1,539	7.8	17,080	84,858	5.0

* Indian Separations, patient days and population are not available for these years.
** 1983-84 figures for separations and patient days reflect the first full year shown here that S.H.S.P. was not responsible for Level 4 patients.

Table 7
Age and Sex Incidence of Acute Care Hospitalization in General Hospitals April 1, 1987-March 31, 1988

Level 6	All Ages	Under 1*	1-4	5-14	15-24	25-44	45-64	65+
Covered Population								
Both Sexes	1,045,440	16,403	71,331	164,145	172,369	308,762	180,332	132,098
Male	524,911	8,269	36,515	83,989	88,375	158,213	90,194	59,356
Female	520,529	8,134	34,816	80,156	83,994	150,549	90,138	72,742
Separations								
Both Sexes	204,074	8,855	13,394	13,345	25,249	43,942	33,987	65,302
Male	88,068	5,097	7,777	7,079	6,609	12,337	16,887	32,282
Female	116,006	3,758	5,617	6,266	18,640	31,605	17,100	33,020
Separations Per 1,000 Covered								
Both Sexes	195	540	188	81	146	142	188	494
Male	168	616	213	84	75	78	187	544
Female	223	462	161	78	222	210	190	454
Patient Days								
Both Sexes	1,519,797	52,803	57,414	47,848	107,746	214,166	250,681	789,139
Male	689,505	29,977	33,325	25,586	31,155	67,650	127,969	373,843
Female	830,292	22,826	24,089	22,262	76,591	146,516	122,712	415,296
Days Per 1,000 Covered								
Both Sexes	1,454	3,219	805	291	625	694	1,390	5,974
Male	1,314	3,625	913	305	353	428	1,419	6,298
Female	1,595	2,806	692	278	912	973	1,361	5,709
Average Days of Stay								
Both Sexes	7.4	6.0	4.3	3.6	4.3	4.9	7.4	12.1
Male	7.8	5.9	4.3	3.6	4.7	5.5	7.6	11.6
Female	7.2	6.1	4.3	3.6	4.1	4.6	7.2	12.6

* The under 1 age group includes children born in 1987-88 who were re-admitted to hospital in 1987-88, and excludes newborn patients born in hospital or admitted with their mother for care.

Table 8

Separations, Patient Days and Corresponding Rates by Residence

(For Provincial Plan Acute Care Inpatients of General Hospitals, Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

Population Centre	Covered Population	Adults and Children			Newborns	
		Separations During Year	Patient Days	Average Days Stay	Separations During Year	Patient Days
Total	1,045,440	204,074	1,519,797	7.4	17,080	84,858
Incorporated cities, towns and villages with population:						
100,000 and over						
Saskatoon	182,216	20,818	155,632	7.5	3,115	15,301
Regina	178,520	24,308	178,405	7.3	2,777	14,335
30,000-99,999						
Moose Jaw	35,515	7,508	73,287	9.8	547	2,807
Prince Albert	34,113	5,320	34,804	6.5	579	2,831
10,000-29,999						
Swift Current	16,050	3,061	26,645	8.7	214	1,183
Yorkton	15,944	3,654	36,144	9.9	199	961
North Battleford	14,725	3,127	23,818	7.6	224	1,168
Estevan	10,692	2,985	19,527	6.5	181	1,128
Weyburn	10,384	2,495	21,649	8.7	133	679
5,000-9,999						
Lloydminster	7,257	1,140	7,216	6.3	148	726
Melfort	6,465	1,516	14,266	9.4	100	539
Melville	5,378	1,566	16,841	10.8	70	406
Humboldt	5,300	1,333	10,456	7.8	93	801
Nipawin	5,003	1,436	11,338	7.9	91	379
2,500-4,999	42,063	10,025	80,042	8.0	671	3,260
1,000-2,499	71,240	19,041	159,467	8.4	1,046	4,787
Under 1,000	126,371	34,618	277,906	8.0	1,960	9,215
Unincorporated places and rural areas	223,688	36,705	233,497	6.4	2,812	13,369
Indian Reservations	54,516	23,418	138,857	5.9	2,119	10,979

Rate Per 1,000 Population

Population Centre	Adults and Children		Newborns	
	Separations During Year	Patient Days	Separations During Year	Patient Days
Total	195	1,454	16	81
Incorporated cities, towns and villages with population:				
100,000 and over				
Saskatoon	114	854	17	84
Regina	136	999	16	80
30,000-99,999				
Moose Jaw	211	2,064	15	79
Prince Albert	156	1,020	17	83
10,000-29,999				
Swift Current	191	1,660	13	74
Yorkton	229	2,267	12	60
North Battleford	212	1,618	15	79
Estevan	279	1,826	17	105
Weyburn	240	2,085	13	65
5,000-9,999				
Lloydminster	157	994	20	100
Melfort	234	2,207	15	83
Melville	291	3,131	13	75
Humboldt	252	1,973	18	151
Nipawin	287	2,266	18	76
2,500-4,999	238	1,903	16	78
1,000-2,499	267	2,238	15	67
Under 1,000	274	2,199	16	73
Unincorporated places and rural areas	164	1,044	13	60
Indian Reservations	430	2,547	39	201

Table 9
Inpatient Acute Care By Diagnosis (Canadian List) for Adults, Children and Newborns**
(Including out-of-province hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Canadian List Number and Diagnosis		Separations	Separations Per 1,000 Covered	Patient Days	Patient Days Per 1,000 Covered	Average Days of Stay
001-139	I.	**Infectious and Parasitic Diseases**	**4,289**	**4.1**	**28,240**	**27**	**6.6**
002	001.	Typhoid and paratyphoid fevers	3	*	34	*	11.3
003, 005	002.	Salmonella infections and other food poisoning (bacterial)	182	0.2	955	1	5.2
001, 004, 006-009	003.	Other intestinal infections	1,670	1.6	8,555	8	5.1
010-018	004.	Tuberculosis	133	0.1	2,225	2	16.7
034-035	005.	Streptococcal sore throat, scarlatina and erysipelas	138	0.1	570	1	4.1
020-033, 036-041	006.	All other bacterial diseases	315	0.3	4,292	4	13.6
045	007.	Acute poliomyelitis	29	*	388	*	13.4
062-064	008.	Arthropod-borne encephalitis	0	*	0	*	0.0
070	009.	Viral hepatitis	52	*	376	*	7.2
046-061, 065-066, 071-088	010.	Other viral and arthropod-borne diseases	1,323	1.3	7,087	7	5.4
090-099	011.	Syphilis and other venereal diseases	60	0.1	306	*	5.1
137	012.	Late effects of tuberculosis	2	*	21	*	10.5
138	013.	Late effects of acute poliomyelitis	1	*	11	*	11.0
100-136, 139	014.	All other infectious and parasitic diseases and late effects of other infectious and parasitic diseases	381	0.4	3,420	3	9.0
140-239	II.	**Neoplasms**	**10,765**	**10.3**	**146,374**	**140**	**13.6**
140-149	015.	Malignant neoplasms of lip, oral cavity, and pharynx	196	0.2	2,678	3	13.7
150	016.	Malignant neoplasm of esophagus	79	0.1	1,491	1	18.9
151	017.	Malignant neoplasm of stomach	231	0.2	4,065	4	17.6
152	018.	Malignant neoplasms of small intestine, including duodenum	19	*	300	*	15.8
153	019.	Malignant neoplasm of colon	534	0.5	9,737	9	18.2
154	020.	Malignant neoplasms of rectum, rectosigmoid junction and anus	390	0.4	6,947	7	17.8
155, 156	021.	Malignant neoplasms of liver, gall bladder and bile ducts	161	0.2	2,843	3	17.7
157	022.	Malignant neoplasm of pancreas	189	0.2	3,597	3	19.0
158, 159	023.	Malignant neoplasms of other digestive organs and peritoneum	61	0.1	953	1	15.6
162	024.	Malignant neoplasm of trachea, bronchus and lung	1,026	1.0	16,353	16	15.9
160, 161, 163-165	025.	Malignant neoplasms of other respiratory and intrathoracic organs	127	0.1	1,977	2	15.6
170, 171	026.	Malignant neoplasms of bone, connective and other soft tissue	116	0.1	1,856	2	16.0
172, 173	027.	Malignant neoplasm of skin	266	0.3	2,665	3	10.0
174, 175	028.	Malignant neoplasm of breast	769	0.7	10,048	10	13.1
180	029.	Malignant neoplasm of cervix uteri	125	0.1	1,829	2	14.6
179, 181, 182	030.	Malignant neoplasm of other parts of uterus	185	0.2	2,385	2	12.9
183	031.	Malignant neoplasm of ovary and other uterine adnexa	207	0.2	3,137	3	15.2
184	032.	Malignant neoplasms of other and unspecified female genital organs	33	*	314	*	9.5
185	033.	Malignant neoplasm of prostate	920	0.9	12,780	12	13.9
186	034.	Malignant neoplasm of testis	38	*	328	*	8.6
187	035.	Malignant neoplasms of penis and other male genital organs	11	*	125	*	11.4
188	036.	Malignant neoplasm of bladder	584	0.6	5,379	5	9.2
189	037.	Malignant neoplasms of kidney and other and unspecified urinary organs	192	0.2	3,246	3	16.9
191	038.	Malignant neoplasm of brain	156	0.1	5,232	5	33.5
190, 192-199	039.	Malignant neoplasms of all other and unspecified sites	1,027	1.0	17,495	17	17.0

Table 9 — (Continued)
Inpatient Acute Care By Diagnosis (Canadian List) for Adults, Children and Newborns (Including out-of-province hospitalization)**
April 1, 1987-March 31, 1988

ICD9 Code	Canadian List Number and Diagnosis	Separations	Separations Per 1,000 Covered	Patient Days	Patient Days Per 1,000 Covered	Average Days of Stay
204-208	040. Leukemia	362	0.3	4,916	5	13.6
200-203	041. Malignant neoplasms of other lymphatic and hematopoietic tissues	490	0.5	7,998	8	16.3
218-221	042. Benign neoplasm of female genital organs	786	0.8	5,743	5	7.3
224-225	043. Benign neoplasms of eye, brain and other parts of nervous system	70	0.1	1,145	1	16.4
210-217, 222, 223, 226-229	044. Benign neoplasm of all other unspecified sites	980	0.9	5,355	5	5.5
233	045. Carcinoma of breast and genitourinary system	108	0.1	578	1	5.4
230-232, 234	046. Carcinoma of all other and unspecified sites	18	*	163	*	9.1
235-238	047. Neoplasms of uncertain behaviour	191	0.2	1,665	2	8.7
239	048. Neoplasms of unspecified nature	118	0.1	1,051	1	8.9
240-279	**III. Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders**	**4,742**	**4.5**	**49,507**	**47**	**10.4**
240-246	049. Disorders of the thyroid gland	251	0.2	1,962	2	7.8
250	050. Diabetes mellitus	3,254	3.1	37,463	36	11.5
251-259	051. Disorders of other endocrine glands	357	0.3	2,258	2	6.3
270-279	052. All other endocrine and metabolic diseases and immunity disorders	832	0.8	7,205	7	8.7
260-269	053. Nutritional deficiencies	48	*	619	1	12.9
280-289	**IV. Diseases of Blood and Blood-Forming Organs**	**1,576**	**1.5**	**12,994**	**12**	**8.2**
280-285	054. Anemias	1,043	1.0	9,927	9	9.5
287	055. Purpura and other hemorrhagic conditions	116	0.1	1,039	1	9.0
286, 288, 289	056. All other diseases of blood and blood-forming organs	417	0.4	2,028	2	4.9
290-319	**V. Mental Disorders**	**5,065**	**4.8**	**59,847**	**57**	**11.8**
290	057. Senile and presenile organic psychotic conditions	201	0.2	6,628	6	33.0
291	058. Alcoholic psychoses	292	0.3	2,033	2	7.0
295	059. Schizophrenic psychoses	263	0.3	3,776	4	14.4
296	060. Affective psychoses	459	0.4	6,205	6	13.5
292-294, 297-299	061. Other psychoses	321	0.3	5,291	5	16.5
300, 301	062. Neurotic and personality disorders	1,199	1.1	7,737	7	6.5
303	063. Alcohol dependence syndrome	910	0.9	9,722	9	10.7
304	064. Drug dependence	72	0.1	802	1	11.1
317-319	065. Mental retardation	18	*	4,959	5	275.5
302, 305-316	066. Other mental disorders	1,330	1.3	12,694	12	9.5
320-389	**VI. Diseases of the Nervous System and Sense Organs**	**10,059**	**9.6**	**71,082**	**68**	**7.1**
320-326	067. Meningitis and other inflammatory diseases of central nervous system	126	0.1	1,935	2	15.4
332	068. Parkinson's disease	282	0.3	6,217	6	22.0
330, 331, 333-337	069. Other hereditary and degenerative diseases of central nervous system	392	0.4	15,331	15	39.1
340	070. Multiple sclerosis	200	0.2	4,025	4	20.1
345	071. Epilepsy	653	0.6	3,282	3	5.0
341-344, 346-359	072. Other diseases of central nervous system	1,999	1.9	16,449	16	8.2
365	073. Glaucoma	248	0.2	1,007	1	4.1
366	074. Cataract	2,367	2.3	7,858	8	3.3
378	075. Strabismus	240	0.2	462	*	1.9
360-364, 367-377, 379	076. Other disorders of the eye and adnexa	913	0.9	4,520	4	5.0
381, 382	077. Otitis media not with mastoiditis	1,802	1.7	5,954	6	3.3

Table 9 — (Continued)
Inpatient Acute Care By Diagnosis (Canadian List) for Adults, Children and Newborns**
(Including out-of-province hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Canadian List Number and Diagnosis	Separations	Separations Per 1,000 Covered	Patient Days	Patient Days Per 1,000 Covered	Average Days of Stay
383	078. Mastoiditis	47	*	288	*	6.1
380, 384-389	079. Other diseases of ear and mastoid process	790	0.8	3,754	4	4.8
390-459	**VII. Diseases of the Circulatory System**	**22,289**	**21.3**	**258,974**	**248**	**11.6**
390, 392	080. Acute rheumatic fever	20	*	160	*	8.0
393-398	081. Chronic rheumatic heart disease	110	0.1	1,126	1	10.2
401-405	082. Hypertensive disease	1,777	1.7	13,000	12	7.3
410	083. Acute myocardial infarction	2,432	2.3	28,142	27	11.6
411-414	084. All other forms of ischemic heart disease	4,662	4.5	37,708	36	8.1
415-417	085. Diseases of pulmonary circulation	310	0.3	5,026	5	16.2
420-429	086. Other forms of heart disease	6,385	6.1	70,949	68	11.1
430-432	087. Intracerebral and intracranial hemorrhage	227	0.2	4,237	4	18.7
433, 434	088. Cerebral embolism and thrombosis	570	0.5	12,070	12	21.2
435-438	089. Other and late effects of cerebrovascular diseases	2,530	2.4	53,960	52	21.3
440	090. Atheroschlerosis	270	0.3	3,928	4	14.5
441-448	091. All other diseases of arteries, arterioles and capillaries	838	0.8	10,283	10	12.3
451-453	092. Phlebitis, thrombophlebitis and venous embolism and thrombosis	737	0.7	7,584	7	10.3
454	093. Varicose veins of lower extremities	462	0.4	4,931	5	10.7
455	094. Hemorrhoids	599	0.6	3,298	3	5.5
456-459	095. Other diseases of circulatory system	360	0.3	2,572	2	7.1
460-519	**VIII. Diseases of the Respiratory System**	**28,063**	**26.8**	**177,958**	**170**	**6.3**
460-465	096. Acute upper respiratory infection	4,366	4.2	17,168	16	3.9
470	097. Deflected nasal septum	802	0.8	2,099	2	2.6
473	098. Chronic sinusitis	226	0.2	884	1	3.9
474	099. Chronic diseases of tonsils and adenoids	3,646	3.5	7,985	8	2.2
471, 472, 475-478	100. Other diseases of upper respiratory tract	612	0.6	2,304	2	3.8
480-483, 485, 486	101. Pneumonia	5,561	5.3	52,857	51	9.5
487	102. Influenza	986	0.9	5,248	5	5.3
490-492	103. Bronchitis and emphysema	2,584	2.5	18,028	17	7.0
493	104. Asthma	3,439	3.3	17,685	17	5.1
494-496	105. Other COPD and allied conditions	1,855	1.8	25,100	24	13.5
500-508	106. Pneumoconioses and allied conditions	78	0.1	1,753	2	22.5
510-513	107. Empyema and abscess on lung and mediastinum	30	*	591	1	19.7
466, 511, 512, 514-519	108. All other diseases of respiratory system	3,878	3.7	26,256	25	6.8
520-579	**IX. Diseases of the Digestive System**	**24,902**	**23.8**	**160,270**	**153**	**6.4**
520-525	109. Diseases of teeth and support structures	816	0.8	1,901	2	2.3
526-529	110. Diseases of jaws, salivary glands and other diseases of oral cavity	331	0.3	1,837	2	5.5
532	111. Ulcer of duodenum	731	0.7	6,287	6	8.6
531, 533	112. Ulcer of stomach and peptic ulcer, site unspecified	740	0.7	6,184	6	8.4
535	113. Gastritis and duodenitis	1,904	1.8	9,354	9	4.9
530, 534, 536, 537	114. Other diseases of esophagus, stomach and duodenum	960	0.9	6,609	6	6.9
540-543	115. Appendicitis	1,340	1.3	6,854	7	5.1
550	116. Inguinal hernia	2,016	1.9	9,815	9	4.9
551, 552	117. Other hernia of abdominal cavity with obstruction or gangrene	194	0.2	1,442	1	7.4
553	118. Other hernia of abdominal cavity without obstruction or gangrene	1,012	1.0	6,232	6	6.2
560	119. Intestinal obstruction without mention of hernia	1,058	1.0	8,733	8	8.3

Table 9 — (Continued)
Inpatient Acute Care By Diagnosis (Canadian List) for Adults, Children and Newborns**
(Including out-of-province hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Canadian List Number and Diagnosis	Separations	Separations Per 1,000 Covered	Patient Days	Patient Days Per 1,000 Covered	Average Days of Stay
555-558	120. Non-infective enteritis and colitis	5,388	5.2	28,529	27	5.3
562, 565-569	121. Other diseases of intestine and peritoneum	2,746	2.6	18,949	18	6.9
571	122. Chronic liver diseases and cirrhosis	347	0.3	4,599	4	13.3
570, 572, 573	123 Other diseases of liver	177	0.2	1,793	2	10.1
574	124. Cholelithiasis	3,022	2.9	24,798	24	8.2
575	125. Other diseases of gallbladder	617	0.6	3,534	3	5.7
576	126. Other diseases of biliary tract	173	0.2	1,634	2	9.4
577	127. Diseases of pancreas	510	0.5	5,406	5	10.6
578-579	128. Other diseases of digestive system	820	0.8	5,780	6	7.0
580-629	**X. Diseases of the Genitourinary System**	**15,778**	**15.1**	**93,838**	**90**	**5.9**
580-583	129. Nephritis, nephrotic syndrome and nephrosis	140	0.1	1,427	1	10.2
590	130. Infections of kidney	728	0.7	4,032	4	5.5
592, 594	131. Calculus of urinary system	1,119	1.1	6,223	6	5.6
584-589, 591, 593, 595-599	132. All other diseases of urinary system	3,438	3.3	28,813	28	8.4
600	133. Hyperplasia of prostate	1,674	1.6	15,013	14	9.0
605	134. Redundant prepuce and phimosis	223	0.2	547	1	2.5
601-604, 606-608	135. Other diseases of male genital organs	829	0.8	3,622	3	4.4
610, 611	136. Disorders of the breast	679	0.6	2,040	2	3.0
614	137. Inflammatory diseases of ovary, fallopian tube, and pelvic peritoneum	999	1.0	4,829	5	4.8
615, 616	138. Inflammatory diseases of cervix uteri, uterus and vulva	351	0.3	1,113	1	3.2
618	139. Genital prolapse	879	0.8	7,797	7	8.9
626	140. Disorders of menstruation	1,629	1.6	4,746	5	2.9
617, 619-625, 627-629	141. Other diseases of female genital organs	3,090	3.0	13,636	13	4.4
630-676	**XI. Complications of Pregnancy, Childbirth and the Puerperium**	**24,683**	**23.6**	**104,243**	**100**	**4.2**
634	142. Spontaneous abortion	1,133	1.1	1,949	2	1.7
635	143. Legally induced abortion	148	0.1	314	*	2.1
636-638	144. Other abortion	284	0.3	670	1	2.4
630-633, 639	145. Other pregnancy with abortive outcome	589	0.6	1,927	2	3.3
650	146. Normal delivery	3,500	3.3	14,723	14	4.2
640, 641	147. Hemorrhage of pregnancy	1,246	1.2	4,542	4	3.6
642-648	148. Other complications related to pregnancy	5,386	5.2	20,506	20	3.8
651-659	149. Indication for care in pregnancy, labour and delivery	5,028	4.8	26,943	26	5.4
660-669	150. Complications in labour and delivery	7,128	6.8	31,389	30	4.4
670-676	151. Complications of the puerperium	241	0.2	1,280	1	5.3
680-709	**XII. Diseases of the Skin and Subcutaneous Tissue**	**3,071**	**2.9**	**25,194**	**24**	**8.2**
680-686	152. Infections of skin and subcutaneous tissue	1,719	1.6	11,547	11	6.7
690-709	153. All other diseases of skin and subcutaneous tissue	1,352	1.3	13,647	13	10.1
710-739	**XIII. Diseases of the Musculoskeletal System and Connective Tissue**	**9,471**	**9.1**	**83,030**	**79**	**8.8**
714	154. Rheumatoid arthritis and other inflammatory polyarthropathies	569	0.5	8,124	8	14.3
710-712, 715-719	155. Other arthropathies and related disorders	3,099	3.0	30,709	29	9.9
722	156. Intervertebral disc disorders	1,111	1.1	8,786	8	7.9
720, 721, 723, 724	157. Other dorsopathies	1,699	1.6	13,855	13	8.2
725-729	158. Rheumatism, excluding the back	1,561	1.5	7,167	7	4.6

Table 9 — (Continued)
Inpatient Acute Care By Diagnosis (Canadian List) for Adults, Children and Newborns (Including out-of-province hospitalization)**
April 1, 1987-March 31, 1988

ICD9 Code	Canadian List Number and Diagnosis	Separations	Separations Per 1,000 Covered	Patient Days	Patient Days Per 1,000 Covered	Average Days of Stay
730	159. Osteomyelitis, periostitis, and other infections involving bones	175	0.2	2,676	3	15.3
731-739	160. Other diseases of musculoskeletal system and connective tissue	1,257	1.2	11,713	11	9.3
740-759	**XIV. Congenital Anomalies**	**1,753**	**1.7**	**11,356**	**11**	**6.5**
741	161. Spinal bifida	30	*	445	*	14.8
740, 742	162. All other congenital anomalies of nervous system	52	*	491	*	9.4
745-747	163. Congenital anomalies of heart and circulatory system	296	0.3	2,767	3	9.3
749	164. Cleft palate and cleft lip	94	0.1	551	1	5.9
750, 751	165. Other congenital anomalies of digestive system	172	0.2	1,289	1	7.5
752, 753	166. Congenital anomalies of genitourinary system	382	0.4	1,951	2	5.1
754-756	167. Congenital anomalies of musculoskeletal system	348	0.3	2,041	2	5.9
743, 744, 748, 757-759	168. Other congenital anomalies	379	0.4	1,821	2	4.8
760-779	**XV. Certain Conditions Originating in the Perinatal Period**	**6,559**	**6.3**	**43,342**	**41**	**6.6**
764-765	169. Slow fetal growth, fetal malnutrition and immaturity	871	0.8	15,699	15	18.0
767	170. Birth trauma	116	0.1	541	1	4.7
768-770	171. Intrauterine hypoxia, birth asphyxia and other respiratory conditions	1,911	1.8	9,563	9	5.0
773	172. Hemolytic disease of fetus or newborn	181	0.2	870	1	4.8
760-763, 766, 771, 772, 774-779	173. Other conditions originating in the perinatal period	3,480	3.3	16,669	16	4.8
780-799	**XVI. Symptoms, Signs, and Ill-defined Conditions**	**12,433**	**11.9**	**59,061**	**56**	**4.8**
797	174. Senility without mention of psychosis	66	0.1	1,824	2	27.6
780-796, 798, 799	175. Symptoms, signs and other ill-defined conditions	12,367	11.8	57,237	55	4.6
800-999	**XVII. Injury and Poisoning (Nature)**	**18,104**	**17.3**	**122,352**	**117**	**6.8**
800-804, 850-854	176. Fractures of skull and intracranial injury	2,608	2.5	11,094	11	4.3
805-809	177. Fractures of spine and trunk	902	0.9	13,873	13	15.4
810-819	178. Fracture of upper limb	1,839	1.8	8,545	8	4.6
820, 821	179. Fracture of femur	1,297	1.2	20,827	20	16.1
822-829	180. Other fractures of lower limbs	1,208	1.2	8,037	8	6.7
830-848	181. Dislocations, sprains and strains	1,385	1.3	6,070	6	4.4
860-869	182. Internal injury of chest, abdomen, pelvis	324	0.3	2,348	2	7.2
870-904	183. Open wounds and injury to blood vessels	1,445	1.4	6,538	6	4.5
930-939	184. Effects of foreign body entering through orifice	244	0.2	619	1	2.5
940-949	185. Burns	431	0.4	4,404	4	10.2
950-957	186. Injury to nerves and spinal cord	65	0.1	380	*	5.8
960-979	187. Adverse effects of medical agents	1,430	1.4	4,421	4	3.1
980-989	188. Toxic effect of substances chiefly non-medicinal	381	0.4	876	1	2.3
996-999	189. Complications of medical and surgical care	1,535	1.5	15,383	15	10.0
910-929, 958, 959, 990-995	190. Other injuries, early complications of trauma	2,842	2.7	17,324	17	6.1
905-909	191. Late effects of injuries, poisonings, toxic effects and other external causes	168	0.2	1,613	2	9.6

Table 9 — (Continued)
Inpatient Acute Care By Diagnosis (Canadian List) for Adults, Children and Newborns (Including out-of-province hospitalization)**
April 1, 1987-March 31, 1988

ICD9 Code	Canadian List Number and Diagnosis	Separations	Separations Per 1,000 Covered	Patient Days	Patient Days Per 1,000 Covered	Average Days of Stay
V01-V80	**Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services**	**17,551**	**16.8**	**96,989**	**93**	**5.5**
V20-V28	208. Contact with health services related to reproduction and development	1,665	1.6	5,105	5	3.1
V30-V39	209. Healthy liveborn infants	10,645	10.2	43,920	42	4.1
V50-V59	210. Contact with health services for specific procedures and aftercare	1,862	1.8	11,749	11	6.3
V01-V19, V40-V49, V60-V82	211. Other reasons for contact with health services	3,379	3.2	36,215	35	10.7
	Diagnoses not coded	0	*	0	*	0.0
Grand Total		221,153	211.5	1,604,651	1,535	7.3

* Less than 1 per 1,000 for patient days and less than 0.1 per 1,000 for separations
** A Canadian list of 211 diagnoses selected as a basis for study by provincial hospital insurance programs.

Table 10
Inpatient Acute Care by Diagnostic Chapter, Age and Sex
(Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Diagnostic Chapter	All Ages	Under 1	1-4	5-14	15-24	25-44	45-64	65+
001-139	I. **Infectious and Parasitic Diseases**								
	Separations								
	Both Sexes	4,289	749	1,032	535	524	521	326	602
	Male	2,145	426	581	275	225	242	139	257
	Female	2,144	323	451	260	299	279	187	345
	Patient Days								
	Both Sexes	28,240	4,737	5,840	2,362	2,064	2,911	2,658	7,668
	Male	14,021	2,559	3,196	1,343	894	1,391	1,283	3,355
	Female	14,219	2,178	2,644	1,019	1,170	1,520	1,375	4,313
140-239	II. **Neoplasms**								
	Separations								
	Both Sexes	10,765	37	80	138	244	1,321	3,155	5,790
	Male	5,340	14	50	84	108	309	1,390	3,385
	Female	5,425	23	30	54	136	1,012	1,765	2,405
	Patient Days								
	Both Sexes	146,374	353	516	1,003	1,846	11,136	37,752	93,768
	Male	75,332	110	347	620	1,114	3,432	18,160	51,549
	Female	71,042	243	169	383	732	7,704	19,592	42,219
240-279	III. **Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders**								
	Separations								
	Both Sexes	4,742	37	51	187	225	641	1,226	2,375
	Male	2,007	15	30	69	97	237	536	1,023
	Female	2,735	22	21	118	128	404	690	1,352
	Patient Days								
	Both Sexes	49,507	319	327	937	1,301	5,251	11,256	30,116
	Male	21,214	159	229	344	457	1,962	4,924	13,139
	Female	28,293	160	98	593	844	3,289	6,332	16,977
280-289	IV. **Diseases of Blood and Blood-Forming Organs**								
	Separations								
	Both Sexes	1,576	52	77	216	80	118	206	827
	Male	735	32	47	109	23	39	92	393
	Female	841	20	30	107	57	79	114	434
	Patient Days								
	Both Sexes	12,994	346	331	764	306	585	1,421	9,241
	Male	5,668	216	170	367	99	216	671	3,929
	Female	7,326	130	161	397	207	369	750	5,312
290-319	V. **Mental Disorders**								
	Separations								
	Both Sexes	5,065	2	14	111	553	1,420	1,238	1,727
	Male	2,310	1	8	41	249	706	612	693
	Female	2,755	1	6	70	304	714	626	1,034
	Patient Days								
	Both Sexes	59,847	2	147	469	7,968	10,858	10,215	30,188
	Male	27,874	1	135	160	4,036	5,828	4,974	12,740
	Female	31,973	1	12	309	3,932	5,030	5,241	17,448
320-389	VI. **Diseases of the Nervous System and Sense Organs**								
	Separations								
	Both Sexes	10,059	474	1,065	870	528	1,328	1,694	4,100
	Male	4,714	264	630	480	252	549	789	1,750
	Female	5,345	210	435	390	276	779	905	2,350
	Patient Days								
	Both Sexes	71,082	2,649	4,018	3,553	3,314	10,115	12,378	35,055
	Male	36,061	1,455	2,549	1,881	1,145	5,250	6,367	17,414
	Female	35,021	1,194	1,469	1,672	2,169	4,865	6,011	17,641

Table 10 — (Continued)
Inpatient Acute Care by Diagnostic Chapter, Age and Sex
(Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Diagnostic Chapter	All Ages	Under 1	1-4	5-14	15-24	25-44	45-64	65 +
390-459	**VII. Diseases of the Circulatory System**								
	Separations								
	Both Sexes	22,289	30	21	51	190	1,254	5,336	15,407
	Male	11,839	20	14	37	98	688	3,273	7,709
	Female	10,450	10	7	14	92	566	2,063	7,698
	Patient Days								
	Both Sexes	258,974	162	272	285	1,079	6,942	42,948	207,286
	Male	130,762	85	219	197	565	4,000	26,201	99,495
	Female	128,212	77	53	88	514	2,942	16,747	107,791
460-519	**VIII. Diseases of the Respiratory System**								
	Separations								
	Both Sexes	28,063	3,306	5,886	4,755	2,005	2,379	2,719	7,013
	Male	15,269	1,994	3,445	2,424	837	1,122	1,396	4,051
	Female	12,794	1,312	2,441	2,331	1,168	1,257	1,323	2,962
	Patient Days								
	Both Sexes	177,958	20,753	25,231	14,003	6,451	9,396	19,584	82,540
	Male	98,403	12,358	14,688	7,026	2,828	4,269	10,756	46,478
	Female	79,555	8,395	10,543	6,977	3,623	5,127	8,828	36,062
520-579	**IX. Diseases of the Digestive System**								
	Separations								
	Both Sexes	24,902	1,437	1,835	1,399	1,965	4,873	5,270	8,123
	Male	12,389	829	1,032	755	820	2,234	2,727	3,992
	Female	12,513	608	803	644	1,145	2,639	2,543	4,131
	Patient Days								
	Both Sexes	160,270	7,400	7,555	4,559	8,259	24,692	34,296	73,509
	Male	77,392	4,127	4,273	2,539	3,583	10,842	17,621	34,407
	Female	82,878	3,273	3,282	2,020	4,676	13,850	16,675	39,102
580-629	**X. Diseases of the Genitourinary System**								
	Separations								
	Both Sexes	15,778	155	349	547	1,760	4,743	3,615	4,609
	Male	5,537	90	212	231	215	641	1,234	2,914
	Female	10,241	65	137	316	1,545	4,102	2,381	1,695
	Patient Days								
	Both Sexes	93,838	743	1,330	2,390	6,169	20,066	20,478	42,662
	Male	40,673	447	664	993	808	3,118	8,347	26,296
	Female	53,165	296	666	1,397	5,361	16,948	12,131	16,366
630-676	**XI. Complications of Pregnancy, Childbirth and the Puerperium**								
	Separations								
	Both Sexes	24,683	0	0	48	10,103	14,521	11	0
	Male	0	0	0	0	0	0	0	0
	Female	24,683	0	0	48	10,103	14,521	11	0
	Patient Days								
	Both Sexes	104,243	0	0	214	41,204	62,794	31	0
	Male	0	0	0	0	0	0	0	0
	Female	104,243	0	0	214	41,204	62,794	31	0
680-709	**XII. Diseases of the Skin and Subcutaneous Tissue**								
	Separations								
	Both Sexes	3,071	206	322	312	433	554	454	790
	Male	1,538	116	173	183	189	309	219	349
	Female	1,533	90	149	129	244	245	235	441
	Patient Days								
	Both Sexes	25,194	1,799	1,922	1,484	1,801	3,668	4,485	10,035
	Male	12,607	1,019	953	873	879	2,288	2,371	4,224
	Female	12,587	780	969	611	922	1,380	2,114	5,811

Table 10 – (Continued)
Inpatient Acute Care by Diagnostic Chapter, Age and Sex
(Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Diagnostic Chapter	All Ages	Under 1	1-4	5-14	15-24	25-44	45-64	65 +
710-739	**XIII. Diseases of the Musculoskeletal System and Connective Tissue**								
	Separations								
	Both Sexes	9,471	15	82	293	885	2,225	2,447	3,524
	Male	4,360	7	51	141	521	1,305	1,088	1,247
	Female	5,111	8	31	152	364	920	1,359	2,277
	Patient Days								
	Both Sexes	83,030	105	490	2,116	3,523	11,297	18,759	46,740
	Male	32,425	43	333	1,031	2,178	6,313	7,945	14,582
	Female	50,605	62	157	1,085	1,345	4,984	10,814	32,158
740-759	**XIV. Congenital Anomalies**								
	Separations								
	Both Sexes	1,753	671	360	317	111	167	85	42
	Male	1,016	385	253	205	49	76	35	13
	Female	737	286	107	112	62	91	50	29
	Patient Days								
	Both Sexes	11,356	4,706	2,033	1,802	566	1,089	685	475
	Male	6,024	2,372	1,302	1,012	284	614	261	179
	Female	5,332	2,334	731	790	282	475	424	296
760-779	**XV. Certain Conditions Originating in the Perinatal Period**								
	Separations								
	Both Sexes	6,559	6,539	7	4	4	5	0	0
	Male	3,585	3,578	5	2	0	0	0	0
	Female	2,974	2,961	2	2	4	5	0	0
	Patient Days								
	Both Sexes	43,342	43,130	140	21	14	37	0	0
	Male	23,688	23,672	11	5	0	0	0	0
	Female	19,654	19,458	129	16	14	37	0	0
780-799	**XVI. Symptoms, Signs and Ill-Defined Conditions**								
	Separations								
	Both Sexes	12,433	818	845	1,105	1,258	2,147	2,275	3,985
	Male	5,893	450	477	529	382	890	1,217	1,948
	Female	6,540	368	368	576	876	1,257	1,058	2,037
	Patient Days								
	Both Sexes	59,061	3,742	2,702	3,013	3,992	7,169	9,487	28,956
	Male	27,993	2,223	1,579	1,422	1,383	2,976	4,834	13,576
	Female	31,068	1,519	1,123	1,591	2,609	4,193	4,653	15,380
800-999	**XVII. Injury and Poisoning (Nature)**								
	Separations								
	Both Sexes	18,104	241	1,260	2,263	3,651	3,938	2,507	4,244
	Male	10,052	130	712	1,393	2,344	2,503	1,365	1,605
	Female	8,052	111	548	870	1,307	1,435	1,142	2,639
	Patient Days								
	Both Sexes	122,352	995	4,079	7,910	15,395	19,850	18,167	55,956
	Male	60,447	584	2,354	5,062	10,043	13,269	10,398	18,737
	Female	61,905	411	1,725	2,848	5,352	6,581	7,769	37,219
V01-V82	**Supplementary Classifications of Factors Influencing Health Status and Contacts with Health Services**								
	Separations								
	Both Sexes	17,551	11,165	108	194	730	1,787	1,423	2,144
	Male	8,090	5,497	57	121	200	487	775	953
	Female	9,461	5,668	51	73	530	1,300	648	1,191
	Patient Days								
	Both Sexes	96,989	45,716	481	963	2,494	6,310	6,081	34,944
	Male	43,268	22,894	323	711	859	1,882	2,856	13,743
	Female	53,721	22,822	158	252	1,635	4,428	3,225	21,201

Table 10 – (Continued)
Inpatient Acute Care by Diagnostic Chapter, Age and Sex
(Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

ICD9 Code	Diagnostic Chapter	All Ages	Under 1	1-4	5-14	15-24	25-44	45-64	65 +
	Grand Totals								
	Separations								
	Both Sexes	221,153	25,934	13,394	13,345	25,249	43,942	33,987	65,302
	Male	96,819	13,848	7,777	7,079	6,609	12,337	16,887	32,282
	Female	124,334	12,086	5,617	6,266	18,640	31,605	17,100	33,020
	Patient Days								
	Both Sexes	1,604,651	137,657	57,414	47,848	107,746	214,166	250,681	789,139
	Male	733,852	74,324	33,325	25,586	31,155	67,650	127,969	373,843
	Female	870,799	63,333	24,089	22,262	76,591	146,516	122,712	415,296

Table 11
Separations, Days and Average Days of Stay For Selected Operations for Saskatchewan Beneficiaries*
(Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

C.C.P. Code(s)	Operation	Number of Separations	Number of Days	Average Days of Stay
14-18	**Operations on the Nervous System**	**2,652**	**23,986**	**9.0**
16.0	Exploration and Decomposition of Spinal Canal	120	2,107	17.6
	Other operations on the nervous system	2,532	21,879	8.6
19-20	**Operations on the Endocrine System**	**345**	**2,335**	**6.8**
19.1	Unilateral Thyroid Lobectomy	147	822	5.6
19.2	Other Partial Thyroidectomy	83	528	6.4
	Other operations on the endocrine system	115	985	8.6
21-29	**Operations on the Eyes**	**3,541**	**14,695**	**4.1**
27.4	Intracapsular Extraction of Lens	958	3,076	3.2
27.5	Extracapsular Extraction of Lens	984	4,130	4.2
	Other operations on the eyes	1,599	7,489	4.7
30-32	**Operations on the Ears**	**1,201**	**2,874**	**2.4**
31.4	Myringoplasty	124	325	2.6
32.0	Myringotomy	622	1,121	1.8
	Other operations on the Ears	455	1,428	3.1
33-41	**Operations on Nose, Mouth and Pharynx**	**6,434**	**18,799**	**2.9**
33.4	Submucous Resection of Nasal System	85	258	3.0
35.0	Forceps Extraction of Tooth (Multiple or single)	401	1,540	3.8
40.1	Tonsillectomy without Adenoidectomy	1,195	2,915	2.4
40.2	Tonsillectomy with Adenoidectomy	2,186	4,634	2.1
40.5	Adenoidectomy without Tonsillectomy	226	453	2.0
	Other operations on the nose, mouth and pharynx	2,341	8,999	3.8
42-46	**Operations on the Respiratory System**	**1,253**	**20,708**	**16.5**
47-51	**Operations on the Cardiovascular System**	**4,469**	**45,617**	**10.2**
49.95, 49.96, 49.97	Cardiac Catheterization, All Procedures	1,149	5,038	4.4
50.4	Ligation and Stripping of Varicose Veins	287	1,514	5.3
	Other operations on the cardiovascular system	3,033	39,065	12.9
52-53	**Operations on the Hemic and Lymphatic Systems**	**757**	**10,045**	**13.3**
54-66	**Operations on the Digestive System and Abdominal Region**	**12,572**	**119,638**	**9.5**
55.5, 55.6, 55.7, 55.8	Partial Gastrectomy, All Procedures	98	2,057	21.0
56.1	Pyloroplasty	50	1,061	21.2
57.5	Partial Excision of Large Intestine	532	10,251	19.3
58.1	Colostomy	60	1,660	27.7
59.0	Appendectomy	1,185	6,696	5.7
61.3	Procedures on Hemorrhoids	477	2,999	6.3
63.1	Cholecystectomy	2,244	21,431	9.6
65.0, 65.1, 65.2, 65.3	Repair of Inguinofemoral Hernia, All Procedures	2,008	10,389	5.2
65.4	Repair of Umbilical Hernia	244	1,347	5.5
65.5, 65.6	Repair of Other Hernia of Anterior Abdominal Wall	378	2,769	7.3
65.7	Repair of Diaphragmatic Hernia (Abdominal Approach)	91	1,163	12.8
	Other operations on the Digestive System and Abdominal Region	5,205	57,815	11.1
67-71	**Operations on Urinary Tract**	**3,042**	**31,432**	**10.3**
69.2	Transurethral Excision or Destruction of Lesion or Tissue of Bladder	568	3,392	6.0
70.5	Dilation of Urethra	152	1,597	10.5
	Other operations on Urinary Tract	2,322	26,443	11.4
72-76	**Operations on the Male Genital Organs**	**3,105**	**24,598**	**7.9**
72.1, 72.2, 72.3, 72.4, 72.5	Prostatectomy, All Procedures	1,628	18,277	11.2
75.6	Vasectomy and Ligation of Vas Deferens	121	210	1.7
76.0	Circumcision	272	898	3.3
	Other operations on the male genital organs	1,084	5,213	4.8

Table 11 — (Continued)
Separations, Days and Average Days of Stay For Selected Operations for Saskatchewan Beneficiaries*
(Including Out-of-Province Hospitalization)
April 1, 1987-March 31, 1988

C.C.P. Code(s)	Operation	Number of Separations	Number of Days	Average Days of Stay
77-83	**Operations on the Female Genital Organs**	**9,058**	**42,838**	**4.7**
78.2	Total Bilateral Salpingectomy	22	152	6.9
78.3	Bilateral Endoscopic Destruction or Occlusion of Fallopian Tubes	95	218	2.3
78.4	Other bilateral Destruction or Occlusion of Fallopian Tubes	774	2,931	3.8
78.5	Other Salpingectomy	373	1,696	4.5
80.2, 80.3, 80.5	Abdominal Hysterectomy, All Procedures	1,605	13,810	8.6
80.4, 80.6	Vaginal Hysterectomy, All Procedures	412	3,953	9.6
81.01	Dilation and Curettage Following Delivery or Abortion	1,348	2,489	1.8
81.09	Other Dilation and Curettage	2,027	3,754	1.9
81.3	Repair of Uterine Supports	28	181	6.5
82.4	Repair of Cystocele and Rectocele	474	3,902	8.2
	Other operations on the female genital organs	1,900	9,752	5.1
84-87	**Obstetrical Procedures**	**17,524**	**83,099**	**4.8**
86.1	Cervical Cesarean Section	2,765	20,756	7.5
87.0	Intra-amniotic Injections for Termination of Pregnancy	35	53	1.5
87.1	Vacuum Aspiration for Termination of Pregnancy	52	141	2.7
87.2	Other termination of Pregnancy	66	202	3.1
	Other Obstetrical Procedures	14,606	62,847	4.3
88-96	**Operations on the Musculoskeletal System**	**9,548**	**88,204**	**9.2**
90.5	Internal Fixation of Bone (without Fracture Reduction)	143	2,835	19.8
91.0	Closed Reduction of Fracture (without Internal Fixation)	1,070	5,405	5.1
91.2, 91.3	Open reduction of Fracture, All Procedures	1,260	12,849	10.2
91.7, 91.8	Reduction of Dislocation of Joint	264	991	3.8
92.31	Excision or Destruction of Intervertebral Disc	458	4,501	9.8
92.32	Excision of Semilunar Cartilage of Knee	454	1,087	2.4
93.4	Arthroplasty of Knee and Ankle	541	6,660	12.3
93.5	Total Hip Replacement	637	11,050	17.3
93.6	Other Arthroplasty of Hip	260	5,278	20.3
96.0	Amputation of all or part of Upper Limb	76	523	6.9
96.1	Amputation of all or part of Lower Limb	263	7,920	30.1
	Other operations on the musculoskeletal system	4,122	29,105	7.1
97	**Operations on the Breast**	**1,337**	**7,237**	**5.4**
97.12-97.19, 97.21-97.24, 97.28	Mastectomy, All Procedures	429	3,951	9.2
	Other operations on the breast	908	3,286	3.6
98	**Operations on Skin and Subcutaneous Tissue**	**2,637**	**26,580**	**10.1**
98.2	Suture of Skin and Subcutaneous Tissue	543	3,461	6.4
	Other operations on the Skin and Subcutaneous Tissue	2,094	23,119	11.0
99	**Procedures Not Elsewhere Classified**	**3**	**6**	**2.0**
Grand Total**		**79,478**	**563,591**	**7.1**

* Excluding newborns
** Due to the change in hospital reporting procedures (see page 5) certain diagnostic and therapeutic procedures (C.C.P. codes 01-13) which were included prior to 1984-85 have been excluded from this table.
Excludes Day Surgery. An increasing number and range of surgical procedures have been provided in a Day Surgery setting. These procedures are not reported in the above table.

Table 12
Separations and Patient Days by Age, Sex and Length of Stay
(For Provincial Plan Acute Care Inpatients in General Hospitals Including Out-of-Province Hospitalization)
April 1, 1987 — March 31, 1988

Length of Stay in Days	Newborn		Adults and Children					
			Total		Under 1		1 to 4	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Separations by Length of Stay								
Males								
Total	8,752	100.0	88,068	100.0	5,097	100.0	7,777	100.0
1-3	2,342	26.8	35,602	40.4	2,028	39.8	4,314	55.5
4-9	5,241	59.9	27,047	30.7	1,930	37.9	2,079	26.7
10-19	172	2.0	11,598	13.2	555	10.9	531	6.8
20-29	35	0.4	2,896	3.3	105	2.1	59	0.8
30-59	63	0.7	1,969	2.2	44	0.9	32	0.4
60-89	12	0.1	446	0.5	9	0.2	0	0.0
90+	887	10.1	8,510	9.7	426	8.4	762	9.8
Females								
Total	8,328	100.0	116,006	100.0	3,758	100.0	5,617	100.0
1-3	2,542	30.5	45,592	39.3	1,476	39.3	3,102	55.2
4-9	4,669	56.1	41,435	35.7	1,398	37.2	1,531	27.3
10-19	129	1.5	12,424	10.7	418	11.1	348	6.2
20-29	52	0.6	2,867	2.5	79	2.1	62	1.1
30-59	50	0.6	2,102	1.8	36	1.0	23	0.4
60-89	10	0.1	498	0.4	4	0.1	1	0.0
90+	876	10.5	11,088	9.6	347	9.2	550	9.8
Patient Days by Length of Stay								
Males								
Total	44,351	100.0	689,505	100.0	29,977	100.0	33,325	100.0
1-3	6,178	13.9	66,860	9.7	4,166	13.9	7,871	23.6
4-9	26,159	59.0	160,680	23.3	11,373	37.9	11,779	35.3
10-19	2,245	5.1	152,825	22.2	7,141	23.8	6,738	20.2
20-29	850	1.9	68,540	9.9	2,447	8.2	1,402	4.2
30-59	2,550	5.8	77,870	11.3	1,776	5.9	1,219	3.7
60-89	885	2.0	32,125	4.7	617	2.1	0	0.0
90+	5,484	12.4	130,605	18.9	2,457	8.2	4,316	13.0
Females								
Total	40,507	100.0	830,292	100.0	22,826	100.0	24,089	100.0
1-3	6,786	16.8	87,501	10.5	2,930	12.8	5,763	23.9
4-9	22,652	55.9	238,378	28.7	8,014	35.1	8,782	36.5
10-19	1,667	4.1	163,615	19.7	5,369	23.5	4,374	18.2
20-29	1,211	3.0	67,686	8.2	1,839	8.1	1,455	6.0
30-59	2,011	5.0	82,994	10.0	1,423	6.2	880	3.7
60-89	682	1.7	35,890	4.3	273	1.2	65	0.3
90+	5,498	13.6	154,228	18.6	2,978	13.0	2,770	11.5

by Age in Years

5 to 14		15 to 24		25 to 44		45 to 64		65 +	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Separations by Length of Stay									
Males									
7,079	100.0	6,609	100.0	12,337	100.0	16,887	100.0	32,282	100.0
4,684	66.2	3,934	59.5	6,431	52.1	6,210	36.8	8,001	24.8
1,419	20.0	1,636	24.8	3,400	27.6	5,566	33.0	11,017	34.1
192	2.7	303	4.6	901	7.3	2,453	14.5	6,663	20.6
58	0.8	70	1.1	219	1.8	564	3.3	1,821	5.6
51	0.7	70	1.1	162	1.3	388	2.3	1,222	3.8
5	0.1	7	0.1	21	0.2	62	0.4	342	1.1
670	9.5	589	8.9	1,203	9.8	1,644	9.7	3,216	10.0
Females									
6,266	100.0	18,640	100.0	31,605	100.0	17,100	100.0	33,020	100.0
4,115	65.7	9,310	49.9	13,665	43.2	6,161	36.0	7,763	23.5
1,299	20.7	6,959	37.3	13,248	41.9	6,084	35.6	10,916	33.1
196	3.1	507	2.7	1,396	4.4	2,460	14.4	7,099	21.5
24	0.4	78	0.4	245	0.8	426	2.5	1,953	5.9
29	0.5	67	0.4	152	0.5	291	1.7	1,504	4.6
3	0.0	8	0.0	29	0.1	51	0.3	402	1.2
600	9.6	1,711	9.2	2,870	9.1	1,627	9.5	3,383	10.2
Patient Days by Length of Stay									
Males									
25,586	100.0	31,155	100.0	67,650	100.0	127,969	100.0	373,843	100.0
8,463	33.1	6,918	22.2	11,660	17.2	11,788	9.2	15,994	4.3
7,696	30.1	8,996	28.9	19,114	28.3	33,288	26.0	68,434	18.3
2,391	9.3	4,009	12.9	11,515	17.0	32,025	25.0	89,006	23.8
1,377	5.4	1,667	5.4	5,271	7.8	13,323	10.4	43,053	11.5
2,015	7.9	2,760	8.9	6,310	9.3	15,108	11.8	48,682	13.0
383	1.5	518	1.7	1,584	2.3	4,438	3.5	24,585	6.6
3,261	12.7	6,287	20.2	12,196	18.0	17,999	14.1	84,089	22.5
Females									
22,262	100.0	76,591	100.0	146,516	100.0	122,712	100.0	415,296	100.0
7,728	34.7	17,491	22.8	25,919	17.7	11,576	9.4	16,094	3.9
7,017	31.5	36,497	47.7	73,164	49 9	37,165	30.3	67,739	16.3
2,513	11.3	6,387	8.3	17,584	12.0	31,959	26.0	95,429	23.0
576	2.6	1,867	2.4	5,781	3.9	10,058	8.2	46,110	11.1
1,031	4.6	2,580	3.4	5,955	4.1	11,344	9.2	59,781	14.4
199	0.9	592	0.8	2,079	1.4	3,673	3.0	29,009	7.0
3,198	14.4	11,177	14.6	16,034	10.9	16,937	13.8	101,134	24.4

Table 13
Hospitalized Accident Separations and Days by Age Group and Type of Accident
(For Provincial Plan Acute Care Inpatients of General Hospitals Including Out-of-Province Hospitalization)
April 1, 1987 – March 31, 1988

E Code	External Cause	All Ages	0-4	5-14	15-24	25-44	45-64	65+
E800-E807	**Railway Accidents**							
	Separations	8	1	–	5	1	1	–
	Patient Days	72	2	–	59	6	5	–
E810-E819	**Motor vehicle traffic accidents**							
	Separations	2,365	91	188	903	608	318	256
	Patient Days	17,955	528	1,082	5,274	5,362	2,562	3,150
E820-E825	**Motor vehicle non-traffic accidents**							
	Separations	418	13	97	116	121	46	25
	Patient Days	2,261	74	510	428	533	319	397
E826-E829	**Other road vehicle accidents**							
	Separations	558	26	244	109	119	42	18
	Patient Days	2,137	82	870	387	480	222	96
E830-E838	**Water transport accidents**							
	Separations	13	2	–	2	6	3	–
	Patient Days	48	5	–	2	14	27	–
E840-E845	**Air and Space transport accidents**							
	Separations	11	–	2	–	6	3	–
	Patient Days	89	–	2	–	35	52	–
E846-E848	**Vehicle accidents not elsewhere classifiable**							
	Separations	37	3	21	5	5	2	1
	Patient Days	152	6	85	16	20	2	23
E850-E858	**Accidental poisoning by drugs, medicaments and biologicals**							
	Separations	443	280	20	25	36	27	55
	Patient Days	1,443	374	24	45	157	274	569
E860-E869	**Accidental poisoning by other solid and liquid substances, gases and vapours**							
	Separations	284	125	20	34	45	42	18
	Patient Days	698	191	25	58	102	189	133
E870-E876	**Misadventures to patients during surgical and medical care***							
	Separations	549	17	17	34	123	130	228
	Patient Days	7,673	148	203	219	1,194	1,816	4,093
E878-E879	**Surgical and medical procedures as the cause of abnormal reaction of patient or later complication, without mention of misadventure at the time of procedure***							
	Separations	6,282	199	183	364	1,167	1,685	2,684
	Patient Days	98,402	1,977	1,900	3,620	11,819	25,584	53,502
E880-E888	**Accidental Falls**							
	Separations	6,183	439	800	417	655	789	3,083
	Patient Days	72,664	1,381	1,783	1,579	2,963	6,660	58,298
E890-E899	**Accidents caused by fire and flames**							
	Separations	161	26	38	25	31	24	17
	Patient Days	1,906	282	446	181	261	481	255
E900-E909	**Accidents due to natural and environmental factors**							
	Separations	338	49	36	52	79	67	55
	Patient Days	1,960	258	102	190	370	544	496

Table 13 – Continued
Hospitalized Accident Separations and Days by Age Group and Type of Accident
(For Provincial Plan Acute Care Inpatients of General Hospitals Including Out-of-Province Hospitalization)
April 1, 1987 – March 31, 1988

E Code	External Cause	All Ages	0-4	5-14	15-24	25-44	45-64	65 +
E910-E915	**Accidents caused by submersion, suffocation and foreign bodies**							
	Separations	334	105	39	20	56	52	62
	Patient Days	1,423	218	95	37	213	198	662
E916-E928	**Other accidents**							
	Separations	3,494	237	530	809	971	525	421
	Patient Days	18,590	1,211	1,902	2,484	4,161	3,234	5,599
E929	**Late effects of accidental injury**							
	Separations	697	11	36	162	254	139	94
	Patient Days	6,543	69	382	1,112	2,212	1,339	1,433
E930-E949	**Drugs, medicaments and biological substances causing adverse effects in therapeutic use***							
	Separations	2,122	100	69	148	328	504	973
	Patient Days	22,457	711	495	967	2,504	4,670	13,110
E950-E959	**Suicide and self-inflicted injury**							
	Separations	763	2	46	328	302	64	21
	Patient Days	2,917	2	139	999	1,215	304	258
E960-E969	**Homicide and injury purposely inflicted by other persons**							
	Separations	995	29	45	406	396	100	19
	Patient Days	3,498	146	91	1,044	1,542	549	126
E970-E978	**Legal intervention**							
	Separations	5	–	–	2	1	1	1
	Patient Days	14	–	–	5	4	1	4
E980-E989	**Injury undetermined whether accidentally or purposely inflicted**							
	Separations	446	7	27	162	125	74	51
	Patient Days	2,068	31	44	783	355	420	435
	Total							
	Separations	26,503	1,762	2,458	4,128	5,435	4,638	8,082
	Patient Days	264,978	7,696	10,180	19,489	35,522	49,452	142,639

* The accidents contained in this table include all hospitalized cases reporting an external cause of injury (E-code) on the admission/separation record. Therefore, certain injuries which are not strictly "accidents", such as reactions to therapeutic procedures and aggravation of existing conditions, have been included.

Section 3 — Interprovincial Comparisons and Selected Statistics for Saskatchewan Hospitals

The information contained in this section is derived from the Annual Returns of Hospitals for the fiscal year 1986-87.

Figure 9 shows that Saskatchewan, when compared to the other provinces, had the highest rate of separations per 1,000 population. Quebec, which had the lowest rate of separations (104 per 1,000 population) had almost half of the separation rate of Saskatchewan. However, Saskatchewan, comparatively had the third lowest average length of stay. See Table 15 for details.

Figure 10 illustrates that during 1986-87 Saskatchewan public general hospitals had a rated bed capacity of 6.9 beds per 1,000 population (population estimated by Statistics Canada and not the covered population) and an actual occupancy (on average) of 5.1 beds per 1,000 population. Further details are provided in Tables 14 and 15.

Table 16 provides a breakdown of employees by function in Saskatchewan General Hospitals over time. Since 1976, a 23.0% total increase in the average number of full-time employees and a 8.5% increase in paid employee hours per patient day has been observed.

Figure 9: Separations and Patient Days Per 1,000 Population, Canada and Selected Provinces 1986-87

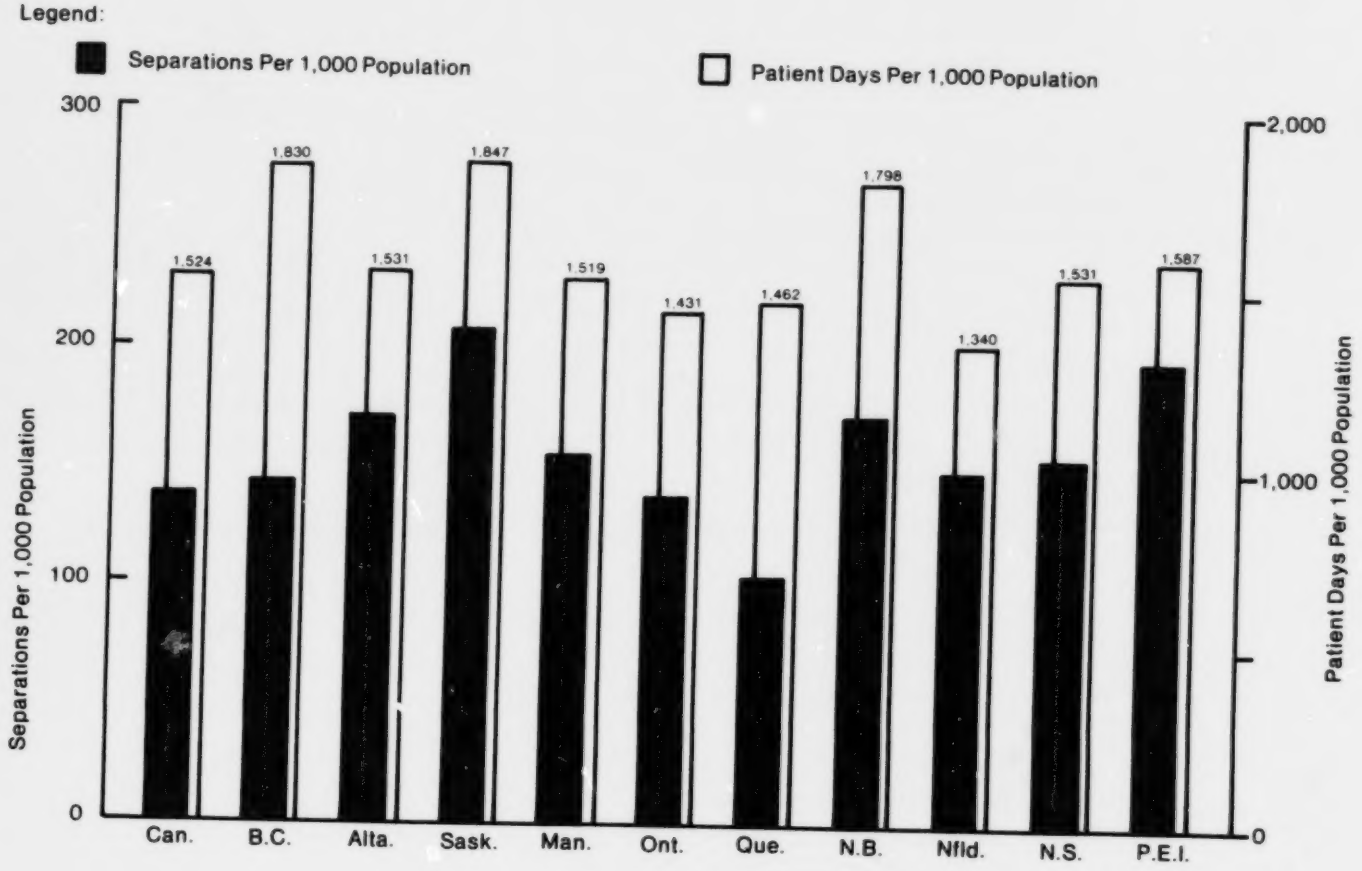


Figure 10: Public General Hospitals — Rated Beds and Occupied Beds Per 1,000 Population: 1986-87

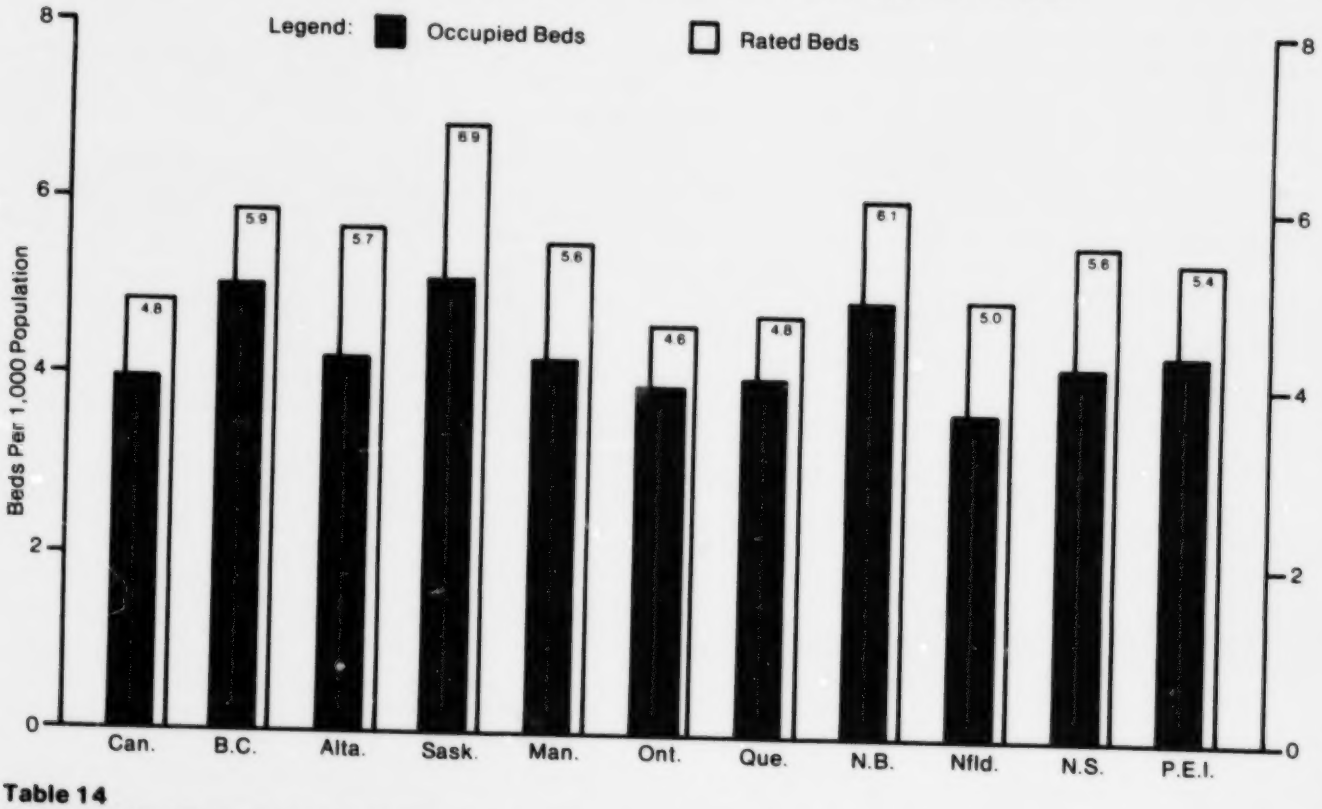


Table 14
Hospital Rated Beds in Canada and the Provinces by Type of Hospital and Number of Beds Per 1,000 Population, 1986-87
(Excluding Mental and Tuberculosis Hospitals)

Hospital Location	All Hospitals		Total Public		General		Rehabilitation, Extended Care		Pediatric		Other		Proprietary† Hospitals		Federal Hospitals	
	No.	Beds Per 1,000*	No.	Beds Per 1,000*	No.	Beds Per 1,000*	No.	Beds Per 1,000*	No.	Beds Per 1,000*	No.	Beds Per 1,000*	No.	Beds Per 1,000*	No.	Beds Per 1,000*
Canada	161,404	6.4	156,050	6.1	129,595	5.1	22,228	0.9	2,858	0.1	1,369	0.1	3,256	0.1	2,098	0.1
Saskatchewan	**7,204**	**7.1**	**7,144**	**7.1**	**6,929**	**6.9**	**215**	**0.2**	–	–	–	–	–	–	**80**	**0.1**
British Columbia	19,847	6.9	19,822	6.9	16,960	5.9	2,417	0.8	241	0.1	204	0.1	–	–	25	**
Alberta	17,241	7.3	17,191	7.2	13,497	5.7	3,390	1.4	128	0.1	176	0.1	–	–	50	**
Manitoba	6,441	6.0	6,409	6.0	5,950	5.6	434	0.4	–	–	25	**	–	–	32	**
Ontario	50,979	5.6	50,093	5.5	42,227	4.6	6,522	0.7	999	0.1	345	**	487	0.1	399	**
Quebec	45,573	7.0	41,613	6.4	31,143	4.8	9,057	1.4	953	0.1	460	0.1	2,769	0.4	1,191	0.2
New Brunswick	4,346	6.1	4,346	6.1	4,326	6.1	20	**	–	–	–	–	–	–	–	–
Nova Scotia	5,480	6.3	5,381	6.2	4,896	5.6	52	0.1	307	0.4	126	0.1	–	–	99	0.1
Prince Edward Island	753	5.9	753	5.9	690	5.4	63	0.5	–	–	–	–	–	–	–	–
Newfoundland	3,135	5.5	3,135	5.5	2,830	5.0	42	0.1	230	0.4	33	0.1	–	–	–	–
Yukon	120	5.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Northwest Territories	285	5.5	163	3.1	147	2.8	16	0.3	–	–	–	–	–	–	120	5.1
															122	2.3

* Calculated by S.H.S.P. on the basis of Statistics Canada Postcensal estimate of population July 1, 1986.
** Less than 0.05 per 1,000
† Type of Proprietary beds in Canada:

General	234
Rehabilitation, Extended Care	2,923
Other	99
Total	3,256

Source: Statistics Canada — 1986-87 Preliminary Annual Report: Approved Bed Complement of Reporting Hospitals (except Saskatchewan)
— Saskatchewan — S.H.S.P. Statistics

Table 15
Comparative Table of Selected Indices for General Hospitals* for Provinces and Canada (Ranked)
for the year ended March 31, 1987

	Separations Per 1,000 Population**		Beds per 1,000 Population**		Average Length of Stay per Separation		Cost per Patient Day***	
	Rank	Separations	Rank	Beds	Rank	Days	Rank	Amount
Canada		137.7		5.1		10.9		$ 348.9
Saskatchewan	**1**	**206.9**	**1**	**6.9**	**7**	**8.9**	**8**	**289.3**
British Columbia	8	143.2	3	5.9	2	12.9	10	272.5
Alberta	4	168.7	4	5.7	9	8.6	2	384.3
Manitoba	6	153.7	5	5.6	5	10.0	1	402.6
Ontario	9	137.6	10	4.6	4	10.1	3	381.2
Quebec	10	103.9	9	4.8	1	13.9	6	333.9
New Brunswick	3	170.9	2	6.1	3	10.4	7	317.9
Nova Scotia	5	154.1	5	5.6	6	9.7	4	379.8
Prince Edward Island	2	194.5	7	5.4	10	8.1	9	275.9
Newfoundland	7	148.1	8	5.1	7	8.9	5	377.4

* Excluding northern outpost, rehabilitation and extended care, psychiatric and maternity hospitals.
** Calculated by S.H.S.P. on the basis of Statistics Canada postcensal estimate of population July 1, 1986.
*** Average cost of operating expenditure including building depreciation and interest.
Source: Statistics Canada – 1986-87 Preliminary Annual Report

Table 16
Average Number of Full-Time Employees* in Saskatchewan General Hospitals and Paid Employee Hours Per Patient Day For Selected Years

				Percent Increase		Average Annual Percent Increase (1976 to 1986-87)
Employee	1976	1985-86	1986-87	1986-87 over 1976	1986-87 over 1985-86	
Nursing Staff (including Central Supply)	5,434	6,847	6,887	26.7	0.6	2.4
Other patient care staff	1,325	1,742	1,819	37.3	4.4	3.2
Educational – staff and students	173	166	164	(5.2)	(1.2)	(0.5)
Administrative Personnel	981	1,196	1,214	23.8	1.5	2.2
Dietetic, Laundry, Linen and Housekeeping Staff	2,251	2,404	2,409	7.0	0.2	0.7
Plant and Other Staff	518	643	645	24.5	0.3	2.2
Total	10,682	12,998	13,138	23.0	1.1	2.1
Paid Employee Hours Per Patient Day	12.9	13.8	14.0	8.5	1.4	0.8

* Paid employee hours divided by an average of 2,050 hours per employee in 1976 provide the average number of full-time employees. 1949 hours per full-time equivalent were used in 1985-86 and 1986-87 to compute the average number of full-time employees. These figures do not include student nurses and student certified nursing assistants.
( ) Indicates a decrease
Source: S.H.S.P. Statistics

Glossary

Active Treatment Care or Acute Care. See Levels of Care: Level 6.

Adults and Children. All inpatients of hospitals except newborn.

Approved Average Daily Census. (See also average daily census). The average daily census approved by the Plan as reflecting the necessary bed need for a specific hospital. Payments to a hospital for operating purposes are based on this approved average daily census.

Approved Hospital. A hospital approved by the Minister of Health under The Hospital Standards Act.

Average Daily Census. The average number of inpatients during any given period of time. It is calculated by dividing the number of patient days (other than newborn) during the period by the number of calendar days in the period.

Average Days of Stay. The average number of days that inpatients stay in hospital. It is calculated by dividing the number of patient days for separations by the number of separations during a given period.

Base Hospital. A general hospital which serves as a district or community hospital for the local population. It provides a wider range of services than a regional hospital and therefore serves as an ultimate referral centre in the province. It also performs a major role in research and education.

Beneficiary. A person who is entitled to the benefits provided by the Plan.

Community Health and Social Centres. Community based facilities that provide a balanced, co-ordinated, preventive and curative health and social program bringing together essential health and social services that communities require on a day to day basis.

Community Clinics. Consumer oriented health organizations operated by an elected board of directors that provide a comprehensive health service, including medical services in one facility.

Covered Population. The total number of persons eligible for benefits.

District or Community Hospital. A general hospital that serves the population of the local area. It provides a smaller range of services than a regional hospital.

Extended (Chronic) Care. See Levels of Care: Level 4.

Federal Hospital. A general hospital owned and operated by the government of Canada and for which part of the operating costs are paid by the Plan.

General Hospital. A hospital which provides facilities for the diagnosis and treatment of a wide range of diseases and disabilities.

Inpatient. A patient who is admitted to a hospital for the purpose of receiving diagnostic or treatment services in the hospital and to whom a bed or bassinet is allocated.

Insured Population. Total number of persons eligible for benefits.

Integrated Facilities. Single structural and organizational entities which incorporate a hospital and a licensed special-care home. They are designed to meet the needs of smaller communities which have limited long term care and acute care needs.

Levels of Care

Level 1 — **Supervisory Care.** This level of care may be provided in a room and board situation for persons who, in addition to full maintenance and laundry service, required some guidance or supervision with activities of daily living. Staff time for care averages 20 minutes per day. Level 1 care is not a benefit under the Plan.

Level 2 — **Personal Care.** Persons requiring this level of care may need supervision and assistance with personal hygiene and grooming. They must be safely ambulant with or without mechanical aids or independent at the wheel chair level, are usually continent and able to feed themselves. Some supervision and direction may be required for behavioral problems. Staff time for care averages 45 minutes per day. Level 2 care is not a benefit under the Plan.

Level 3 — **Basic Nursing Care.** This level of care is usually associated with persons having an advanced physical or mental illness that is reasonably stabilized and which is not expected to deteriorate in the near future. All degrees of supervision and assistance may be needed in the activities of daily living supplemented by basic nursing care. Care at this level is directed by the attending physician and carried out under the supervision of an R.N. or R.P.N. Staff time for care averages 2 hours per day. Level 3 care is not a benefit under the Plan.

Glossary (Continued)

Level 4 — **Extended Care.** This level of care does not require acute hospital care and treatment but does require regular and continuous medical attention, highly skilled technical and nursing personnel provided, under appropriate supervision on a 24-hour basis. Level 4 care is not a benefit under the Plan.

Level 5 — **Rehabilitation Care.** This level of care is provided to persons with physical disabilities resulting from injuries, illnesses, or congenital conditions who require active, aggressive rehabilitation provided by a team of rehabilitation personnel under the direction of or by consultation with a specialist in physical medicine. It is designed to restore or improve functional ability. This level of coverage is an insured benefit under the Plan.

Level 6 — **Acute Care.** This type of care involves 24-hour medical/nursing supervision for diagnosis and treatment and is provided in general hospitals. This type of care is a benefit under the Plan.

Newborn. An infant live born in the hospital, or admitted with the mother who was admitted for maternity service, for the period of its continuous stay in the hospital.

Other Facility. An approved facility other than a general hospital that provides one or more insured services.

Outpatient. A person other than an inpatient who received diagnostic or therapeutic services from a hospital or other facility.

Patient-Day. The period of service to an inpatient between the census-taking hours on two successive days; the day of admission is a patient day, but the day of separation is not a patient day. When the patient is admitted and separated on the same day, one patient day is counted. The statistical tables contain patient days attributable only to those patients who have separated.

Rate of Payment. The amount the Plan pays a hospital for standard ward level care and outpatient services, which the hospital provides to the Plan's beneficiaries (paid in equal semi-monthly instalments).

Rated Bed Capacity. The maximum number of beds which according to the Minister of Health should be set up in the hospital.

Regional Hospital. A general hospital which serves as a district or community hospital for the local population. It provides a wider range of services than a district or community hospital and therefore serves as a referral hospital for persons outside its local area.

Rehabilitation and Extended Care Hospital. A hospital which provides facilities for the treatment, recovery and rehabilitative care of patients disabled by illness or injury, or for the prolonged treatment of patients with chronic or long-term conditions.

Separation. The discharge or death of an inpatient.